

Quick Guide to

# GREP

codes in **ADOBE INDESIGN**

DhafirPhoto

September  
**2017**



GREP codes to find group of  
White spaces in InDesign

`\s`

GREP codes of White  
spaces in InDesign

`Aa`

GREP codes to find group  
of Characters in InDesign

`0-9`

GREP codes to find group of  
Numeral in InDesign

`!?`

GREP codes to find group of  
Punctuations in InDesign

`~b`

GREP codes of every  
Character in InDesign

`\x{...}`

Unicode range for every  
world languages

## GREP expressions for search in InDesign

`~Y`

Variable

`<...>`

Locations

`+?`

Repeat

`(?=...)`

Match

`(?i)`

Modifiers

`$0`

Codes of Change to

`[^...]`

GREP codes of Negative Character  
Classes in InDesign

# GREP codes to find group of White spaces in InDesign

## White spaces, Tabs, & Break Characters

· ¨ ¨ ^ ^ ¨ ¨ ¨ ¨ ! # ~  
† \ ~ » † ¶ ¶ \s  
~ ~ ~ ~ ~ |  
> < > < > < /

• `[:space:]`

## White spaces except Right Indent Tab

· ¨ ¨ ^ ^ ¨ ¨ ¨ ¨ ! # ~  
† \ ~ » † ¶ ¶ \p{s}  
~ ~ ~ ~ ~ |  
> < > < > < /

• `\p{s}`

## White spaces and Forced Line Break

· ¨ ¨ ^ ^ ¨ ¨ ¨ ¨ ! # ~  
† \ ~ » † ¶ ¶ \p{z\*}  
~ ~ ~ ~ ~ |  
> < > < > < /

• `\p{zs}`

## White spaces and Tab (Horizontal White spaces)

· ¨ ¨ ^ ^ ¨ ¨ ¨ ¨ ! # ~  
† \ ~ » † ¶ ¶ \h (CS6 and above)  
~ ~ ~ ~ ~ |  
> < > < > < /

• `[:blank:]`

• `\p{blank}`

## Tabs and Break Characters

· ¨ ¨ ^ ^ ¨ ¨ ¨ ¨ ! # ~  
† \ ~ » † ¶ ¶ `[:cntrl:]`  
~ ~ ~ ~ ~ |  
> < > < > < /

• `\p{c*}` (With Footnote)

• `\p{cc}` (With Footnote)

## Break Characters (Vertical White spaces)

· ¨ ¨ ^ ^ ¨ ¨ ¨ ¨ ! # ~  
† \ ~ » † ¶ ¶ \v (CS6 and above)  
~ ~ ~ ~ ~ |  
> < > < > < /

• `\R` (CS6 and above)

## Break Characters (End of Paragraph)

· ¨ ¨ ^ ^ ¨ ¨ ¨ ¨ ! # ~  
† \ ~ » † ¶ ¶ \r  
~ ~ ~ ~ ~ |  
> < > < > < /

• `\x{0D}`

## Unicode Markers (Special Middle East Characters)

· ¨ ¨ ^ ^ ¨ ¨ ¨ ¨ ! # ~  
† \ ~ » † ¶ ¶ \p{cf}  
~ ~ ~ ~ ~ |  
> < > < > < /

• `\p{cf}`

## White spaces, Tabs, & Break Characters with Shortcut

- Normal Space *space bar* ¨ Em Space *Shift+Ctrl+M* ¨ En Space *Shift+Ctrl+N*
- ^ Nonbreaking Space *Alt+Ctrl+X* ^ Nonbreaking Space (fixed width) ¨ Hair Space
- ¨ Sixth Space ¨ Thin Space *Alt+Shift+Ctrl+M* ¨ Quarter Space ¨ Third Space
- ! Punctuation Space # Figure Space ~ Flush Space » Tab *Tab* † Right Indent Tab *Shift+Tab*
- ¶ Paragraph Return *Enter* ¶ Forced Line Break *Shift+Enter* ~ Column Break *Num Enter*
- ~ Frame Break *Shift + Num Enter* ¨ Page Break *Ctrl + Num Enter* ¨ Odd Page Break
- ~ Even Page Break || Discretionary Line Break

## White space Characters

With its actual width  
in 24 pt font size

•	<b>Normal Space (Word Space)</b> <code>\x{0020}, \x{20}</code>	
—	<b>Em Space</b> <code>~m \x{2003}</code>	
—	<b>En Space</b> <code>~&gt; \x{2002}</code>	
^	<b>Nonbreaking Space</b> <code>~S \x{00A0}, \x{A0}</code>	
^	<b>Nonbreaking Space (fixed width)</b> <code>~s \x{202F}</code>	
:	<b>Hair Space</b> <code>~  \x{200A}</code>	
:	<b>Sixth Space</b> <code>~% \x{2006}</code>	
˘	<b>Thin Space</b> <code>~&lt; \x{2009}</code>	
•	<b>Quarter Space</b> <code>~4 \x{2005}</code>	
•	<b>Third Space</b> <code>~3 \x{2004}</code>	
!	<b>Punctuation Space</b> <code>~. \x{2008}</code>	
#	<b>Figure Space</b> <code>~/ \x{2007}</code>	
~	<b>Flush Space</b> <code>~f \x{2001}</code>	

## Tab Characters

»	<b>Tab</b> <code>\t \x{0009}, \x{09}</code>
⌵	<b>Right Indent Tab</b> <code>~y \x{0008}, \x{08}</code>

## Other or Special Tab Characters

†	<b>Indent to Here</b> <code>~i \x{0007}, \x{07}</code>
\	<b>End Nested Style Here</b> <code>~h \x{0003}, \x{03}</code>
∨	<b>Non-joiner</b> <code>~j \x{200C}</code>

## Break Paragraph Characters

⌵	<b>Forced Line Break</b> <code>\n \x{000A}, \x{0A}</code>
¶	<b>Standard Carriage Return</b> <code>~b</code>

## Break Characters

∨	<b>Column Break</b>	~M
∨	<b>Frame Break</b>	~R
●	<b>Page Break</b>	~P
↓	<b>Odd Page Break</b>	~L
☺	<b>Even Page Break</b>	~E
	<b>Discretionary Line Break</b> <code>~k \x{200B}</code>	

## Unicode Markers (Special Middle East Character)

>	<b>Left to Right Marker</b> <code>\x{200E}</code>	➤	<b>Left to Right Embedding</b> <code>\x{202A}</code>	➤	<b>Left to Right Override</b> <code>\x{202D}</code>
<	<b>Right to Left Marker</b> <code>\x{200F}</code>	➤	<b>Right to Left Embedding</b> <code>\x{202B}</code>	➤	<b>Right to Left Override</b> <code>\x{202E}</code>
/	<b>Pop Directional Formatting</b> <code>\x{202C}</code>				

# Everything

Word СЛОВО λέξη sözcük کلمة  
ABCDEFGHIJKLMNOPQRSTUVWXYZ  
abcdefghijklmnopqrstuvwxyz  
À Á Â Ã Ä Å à á â ã ä å Æ æ  
0123456789 .۰١٢٣٤٥٦٧٨٩ .۰١٢٣٤٥٦٧٨٩  
{[O]}, ; , : ? ! / \ - \_ = ~ ... \* & %  
' " | " ' < > « »  
~ ^ = + × | < > ↔ \$ ^ ¶ § © ® ™ ♪

(1)

~ # ! • • ~ : :: ^ ^ - - •  
 ¶ Ꞥ ꞥ Ꞧ ꞧ Ꞩ ꞩ Ɦ Ɜ Ɡ Ɬ Ɪ ꞯ Ʞ Ʇ Ʝ Ꭓ Ꞵ ꞵ Ꞷ ꞷ Ꞹ ꞹ Ꞻ ꞻ Ꞽ ꞽ Ꞿ ꞿ  
 / ̂ ̃ ̄ ̅ ̆ ̇ ̈ ̉ ̊ ̋ ̌ ̍ ̎ ̏ ̐ ̑ ̒ ̓ ̔ ̕ ̖ ̗ ̘ ̙ ̚ ̛ ̜ ̝ ̞ ̟ ̠ ̡ ̢ ̣ ̤ ̥ ̦ ̧ ̨ ̩ ̪ ̫ ̬ ̭ ̮ ̯ ̰ ̱ ̲ ̳ ̴ ̵ ̶ ̷ ̸ ̹ ̺ ̻ ̼ ̽ ̾ ̿ ̀ ́ ͂ ̓ ̈́ ͅ ͆ ͇ ͈ ͉ ͊ ͋ ͌ ͍ ͎ ͏ ͐ ͑ ͒ ͓ ͔ ͕ ͖ ͗ ͘ ͙ ͚ ͛ ͜ ͝ ͞ ͟ ͠ ͡ ͢ ͣ ͤ ͥ ͦ ͧ ͨ ͩ ͪ ͫ ͬ ͭ ͮ ͯ Ͱ ͱ Ͳ ͳ ʹ ͵ Ͷ ͷ ͸ ͹ ͺ ͻ ͼ ͽ Ϳ ̀ ́ ͂ ̓ ̈́ ͅ ͆ ͇ ͈ ͉ ͊ ͋ ͌ ͍ ͎ ͏ ͐ ͑ ͒ ͓ ͔ ͕ ͖ ͗ ͘ ͙ ͚ ͛ ͜ ͝ ͞ ͟ ͠ ͡ ͢ ͣ ͤ ͥ ͦ ͧ ͨ ͩ ͪ ͫ ͬ ͭ ͮ ͯ Ͱ ͱ Ͳ ͳ ʹ ͵ Ͷ ͷ ͸ ͹ ͺ ͻ ͼ ͽ Ϳ

- `\X`
- `\p{any}`
- `\p{assigned}`
- `[\d\D]`

## All Characters

Word слово λέξη szóczük תְּחִלָּה کَلِمَة  
ABCDEFGHIJKLMNOPQRSTUVWXYZ  
abcdefghijklmnopqrstuvwxyz  
À Á Â Ã Ä Å à á â ã ä å Æ æ  
0123456789 .۰١٢٣٤٥٦٧٨٩ .۰١٢٣٤٥٦٧٨٩  
{[O]}, ; : , ? ! / \ - \_ = ~ ... \* & %  
' " | " ' < > « »  
~ ^ = + × | < > ↔ \$ ^ ¶ § © ® ™ ♪

(1)

~ # ! • ◦ ~ ∴ ∵ ^ ⋀ − ⋅ ⋮ ¶ ⊔ ⋈ ≫ ≈ \ † | ▬ ▾ ▿ ▸ ▹ ▻ / ≡ ≍ ≎ ≏ ≐ ≑ ≒

`\p{print}`

## Many Characters

Word слово λέξη sõzcük нлм كلمة  
 ABCDEFGHIJKLMNOPQRSTUVWXYZ  
 abcdefghijklmnopqrstuvwxyz  
 À Á Â Ã Ä Å à á â ã ä å Æ æ  
 0123456789 .۰١٢٣٤٥٦٧٨٩ .۰١٢٣٤٥٦٧٨٩  
 {[()]} ,;.:?!\/'-\_- \_ — — ... \* & %  
 " " " " " " " " " "  
 ^ ˇ ¸ × | < > ⇔ \$ ^ ¶ § © ® ™ ♪

(1)

~ # ! • ◦ ∩ ∴ ∵ ∧ ∨ − ÷ ·

¶ ⊐ ⊑ ⊒ ⊓ ⊔ ⊕ ⊗ ⊘ ⊙ ⊚ ⊛

/ ≡ ≧ ≨ ≪ ≫ < >

- (Period or Dot)
- \C

## Some Characters (Basic Latin)

Word слово λέξη sõzcük کلمة  
 ABCDEFGHIJKLMNOPQRSTUVWXYZ  
 abcdefghijklmnopqrstuvwxyz  
 Ä Å Â Ã Ä Å à á â ã ä å Æ æ  
 0123456789 ,۱۲۳۴۵۶۷۸۹ ,۱۲۳۴۵۶۷۸۹  
 {[O]}, ; , : . ? ! / \ - \_ — — … \* & %  
 ' " " " ' < > « »  
 ~ ^ = + × | < > ↔ \$ ^ ¶ § © ® ™ ♪

(1)

~ # ! • ∙ ~ ∴ ⋀ ⋁ − ÷ ∙

¶ ⊔ ⦶ ≫ ∨ \ †

| ☺ ↓ ● ↘ ↙

/ ≪ ≫ ≍ ≎ < >

- `\p{ASCII}`
- `[\x{0000}-\x{007F}]`

## Only Characters whose codes greater than 255

Word СЛОВО λέξη sözçük کلمة  
 ABCDEFGHIJKLMNOPQRSTUVWXYZ  
 abcdefghijklmnopqrstuvwxyz  
 Â Á Ã Ä Å à á â ã ä Å Æ æ  
 0123456789 · ١٢٣٤٥٦٧٨٩ · ١٢٣٤٥٦٧٨٩  
 {[()]} , ; : . ? ! / \ - \_ — — … • \* & %  
 ‘ ’ “ ” ‹ › « »  
 ` ~ = + × | < > ↔ \$ ^ ¨ § © ® ™ 🎵

(1)

~ # ! • ◦ ~ ∴ ∵ ^ ^ = = ·

¶ ⊔ ⋈ ≫ ∪ \ †

| ☺ ☹ ● ✕ ∩

/ ≤ ≥ < >

- [[:unicode:]]

## All Except footnote

Word слово λέξη sözcük کلمة  
 ABCDEFGHIJKLMNOPQRSTUVWXYZ  
 abcdefghijklmnopqrstuvwxyz  
 À Á Â Ã Ä Å à á â ã ä å Æ æ  
 0123456789 • ١٢٣٤٥٦٧٨٩ • ١٢٣٤٥٦٧٨٩ ½ VIIIviii  
 {[O]} , ; : . ? ! / \ » - - - \_ — — ... • \* & % / # @ , ' ; ?  
 ' " ' " ' < > « » ~ = + × | < > ↔ \$ ^ ¶ § © ® ™ ♪ (1)

~ # ! : . ~ : : ^ ^ - - .  
 ¶ ¶ ¶ » ~ \ †  
 | : : : :  
 / < > < > < >

• [[:graph:]]

1

## All Letters, Digits, and Underscore

Word слово λέξη sözcük کلمة  
 ABCDEFGHIJKLMNOPQRSTUVWXYZ  
 abcdefghijklmnopqrstuvwxyz  
 À Á Â Ã Ä Å à á â ã ä å Æ æ  
 0123456789 • ١٢٣٤٥٦٧٨٩ • ١٢٣٤٥٦٧٨٩ ½ VIIIviii  
 {[O]} , ; : . ? ! / \ » - - - \_ — — ... • \* & % / # @ , ' ; ?  
 ' " ' " ' < > « » ~ = + × | < > ↔ \$ ^ ¶ § © ® ™ ♪ (1)

~ # ! : . ~ : : ^ ^ - - .  
 ¶ ¶ ¶ » ~ \ †  
 | : : : :  
 / < > < > < >

• \w

• [[:word:]]

1

## All Letters and Digits, except Underscore

Word слово λέξη sözcük کلمة  
 ABCDEFGHIJKLMNOPQRSTUVWXYZ  
 abcdefghijklmnopqrstuvwxyz  
 À Á Â Ã Ä Å à á â ã ä å Æ æ  
 0123456789 • ١٢٣٤٥٦٧٨٩ • ١٢٣٤٥٦٧٨٩ ½ VIIIviii  
 {[O]} , ; : . ? ! / \ » - - - \_ — — ... • \* & % / # @ , ' ; ?  
 ' " ' " ' < > « » ~ = + × | < > ↔ \$ ^ ¶ § © ® ™ ♪ (1)

~ # ! : . ~ : : ^ ^ - - .  
 ¶ ¶ ¶ » ~ \ †  
 | : : : :  
 / < > < > < >

• [[:alnum:]]

• \p{alnum}

1

## All Letters

Word слово λέξη sözcük کلمة  
 ABCDEFGHIJKLMNOPQRSTUVWXYZ  
 abcdefghijklmnopqrstuvwxyz  
 À Á Â Ã Ä Å à á â ã ä å Æ æ  
 0123456789 • ١٢٣٤٥٦٧٨٩ • ١٢٣٤٥٦٧٨٩ ½ VIIIviii  
 {[O]} , ; : . ? ! / \ » - - - \_ — — ... • \* & % / # @ , ' ; ?  
 ' " ' " ' < > « » ~ = + × | < > ↔ \$ ^ ¶ § © ® ™ ♪ (1)

~ # ! : . ~ : : ^ ^ - - .  
 ¶ ¶ ¶ » ~ \ †  
 | : : : :  
 / < > < > < >

• [[:alpha:]]

• \p{l\*}

1

## Uppercase Letters

Word слово λέξη sözcük کلمة  
 ABCDEFGHIJKLMNOPQRSTUVWXYZ  
 abcdefghijklmnopqrstuvwxyz  
 À Á Â Ã Ä Å à á â ã ä å Æ æ  
 0123456789 • ١٢٣٤٥٦٧٨٩ • ١٢٣٤٥٦٧٨٩ ½ VIIIviii  
 {[O]} , ; : . ? ! / \ » - - - \_ — — ... • \* & % / # @ , ' ; ?  
 ' " ' " ' < > « » ~ = + × | < > ↔ \$ ^ ¶ § © ® ™ ♪ (1)

~ # ! : . ~ : : ^ ^ - - .  
 ¶ ¶ ¶ » ~ \ †  
 | : : : :  
 / < > < > < >

• \u

• [[:upper:]]

• \p{lu}

1

## Lowercase Letters

Word слово λέξη sözcük کلمة  
 ABCDEFGHIJKLMNOPQRSTUVWXYZ  
 abcdefghijklmnopqrstuvwxyz  
 À Á Â Ã Ä Å à á â ã ä å Æ æ  
 0123456789 • ١٢٣٤٥٦٧٨٩ • ١٢٣٤٥٦٧٨٩ ½ VIIIviii  
 {[O]} , ; : . ? ! / \ » - - - \_ — — ... • \* & % / # @ , ' ; ?  
 ' " ' " ' < > « » ~ = + × | < > ↔ \$ ^ ¶ § © ® ™ ♪ (1)

~ # ! : . ~ : : ^ ^ - - .  
 ¶ ¶ ¶ » ~ \ †  
 | : : : :  
 / < > < > < >

• \l

• [[:lower:]]

• \p{ll}, \p{1}

1

# Digits & Decimals

Word слово λέξη sözcük کلمة  
 ABCDEFGHIJKLMNOPQRSTUVWXYZ  
 abcdefghijklmnopqrstuvwxyz  
 À Á Â Ã Ä Å à á â ã ä å Æ æ  
 0123456789 • ٠١٢٣٤٥٦٧٨٩ • ۰۱۲۳۴۵۶۷۸۹  
 ⅓ ⅔ ⅕ ⅖ ⅜ ½ ⅞ ⅛ ⅝ ⅞ ⅐  
 I II III IV V VI VII VIII IX X XI XII  
 i ii iii iv v vi vii viii ix x xi xii  
 {[]}, ; , . ? ! / \ - \_ ~ ` ^ & %

~	#	!	•	•	˘	:	˙	^	^	-	-	.
						¶	┐	⋈	»	˘	\	†
							⋈	⋈	●	⋈	˘	
						/	˘	˘	˘	˘	˘	˘

$$\backslash p \{ n^* \}$$

# Digits

Word слово λέξη sözcük کلمة  
ABCDEFGHIJKLMNOPQRSTUVWXYZ  
abcdefghijklmnopqrstuvwxyz  
À Á Â Ã Ä Å à á â ã ä å Æ æ  
**0****1****2****3****4****5****6****7****8****9** •١٢٣٤٥٦٧٨٩•٠١٢٣٤٥٦٧٨٩  
⅓ ⅔ ⅕ ⅖ ⅜ ⅞ ⅙ ⅚ ⅛ ⅝ ⅞ ⅘ ⅐  
I II III IV V VI VII VIII IX X XI XII  
i ii iii iv v vi vii viii ix x xi xii  
{[O] } , ; . : ? ! / \ - \_ ~ ` ... \* & %

~ # ! : :: ^ ^ - - .  
 ¶ ¬ † » ‹ \ †  
 | ∩ ∪ ∙ ∩ ∪  
 / < > < > < >

```
\d  
[0-9]  
[:digit:]  
\p{nd}
```

## Decimals

Word слово λέξη sözcük کلمة  
ABCDEFGHIJKLMNOPQRSTUVWXYZ  
abcdefghijklmnopqrstuvwxyz  
À Á Â Ã Ä Å à á â ã ä å Æ æ  
0123456789 • ١٢٣٤٥٦٧٨٩ • ۱۲۳۴۵۶۷۸۹  
**1/3** **2/3** **1/5** **2/5** **3/5** **4/5** **1/6** **5/6** **1/8** **3/8** **5/8** **7/8** **1**  
I II III IV V VI VII VIII IX X XI XII  
i ii iii iv v vi vii viii ix x xi xii  
{[()]} , ; : . ? ! / \ - \_ ~ ` ' " ... \* & %

~ # ! • • ~ : :: ^ ^ - - .  
¶ ¶ ¶ » ¶ \ †  
| ▢ ▣ ● ▤ ▥  
/ < > < > < >

`\p{no}`

## Number Forms

Word слово λέξη sözcük کلمة  
 ABCDEFGHIJKLMNOPQRSTUVWXYZ  
 abcdefghijklmnopqrstuvwxyz  
 À Á Â Ã Ä Å à á â ã ä å Æ æ  
 0123456789 • ١٢٣٤٥٦٧٨٩ • ۰ ۱ ۲ ۳ ۴ ۵ ۶ ۷ ۸ ۹  
 ⅓ ⅔ ¼ ½ ¾ ⅕ ⅖ ⅗ ⅘ ⅙ ⅚ ⅛ ⅜ ⅝ ⅞ Ⅰ  
**I II III IV V VI VII VIII IX X XI XII**  
**i ii iii iv v vi vii viii ix x xi xii**  
 {[]}, ; , . ? ! / \ - \_ ~ ` ^ & %

~ # ! • • ~ : :: ^ ^ - - .  
¶ ¶ ¶ » ~ \ †  
| ▬ ▬ ● ▬ ▬  
/ < > < > < >

`\p{nl}`

`[\x{2150}-\x{218F}]`

## Digits and Hexadecimal digits (with A-F, a-f)

Word слово λέξη sõz cük کلمة  
 ABCDEFGHIJKLMNOPQRSTUVWXYZ  
 abcdefghijklmnopqrstuvwxyz  
 À Á Â Ã Ä Å à á â ã ä å Æ æ  
 0123456789 •١٢٣٤٥٦٧٨٩•١٢٣٤٥٦٧٨٩  
 1⁄3 2⁄3 1⁄5 2⁄5 3⁄5 4⁄5 1⁄6 5⁄6 1⁄8 3⁄8 5⁄8 7⁄8 1  
 I II III IV V VI VII VIII IX X XI XII  
 i ii iii iv v vi vii viii ix x xi xii  
 {[]}, ; , . ? ! / \ - \_ ~ — — … • \* & %

~ # ! • • ~ : :: ^ ^ - - .  
 ¶ ↩ ↯ » ∨ \ †  
 | ⇩ ⇩ ● ⇩ ⇩  
 / ≡ ≡ ≡ ≡ < >

```
[[[:xdigit:]]  
[A-Za-f0-9]
```

## All Punctuations

{[O]}, ; , : , ? , ! , \ , / , - , \_ , — , ... , • , \* , & , % , # , @ , € , \$ ,  
' , " , " , ' , < , > , « , » ,  
, ~ , = , + , × , | , < , > , ↔ , \$ , ^ , ¶ , § , © , ® , ™ , ♪

~ # ! : ; ^ ^ - - .

[[[:punct:]]]

\p{p\*}

/ < > < > < >

## Other Punctuations

{[O]}, ; , : . ? ! / \ - \_ = > ... • \* & % # @ , € ¥  
! " ' < >  
` ~ = + × | < > ↔ \$ ^ ¶ § © ® ™ 🎵

~ # ! : ; ^ ^ - - .  
 ¶ ¶ ¶ » v \ †  
 | ▾ ▾ ▾ ▾ ▾  
 / < > < > < >

## Symbols

{[O]}, ; , : , ! / \ - - \_ \_ \_ ... • • • & % # @ , ' ?  
' " ' " ' < > << >>  
~ = + × | < > ↔ \$ ^ ¶ § © ® ™ 🎵

$\sim$  # ! : • ∴ ∵ ∆ ∇ ∂ ∇ ∙  
 $\backslash p\{s^*\}$  ¶ ¬ † » √ \ †  
 | ∩ ∪ ∩ ∩ ∩  
 / < > < > < >

## Other Symbols

{[O]}, ; , . ! / \ - \_ — — … • \* & % # @ , ' " ' " ' < > << >>  
' ~ = + × | < > ↔ \$ ^ ¶ § © ® ™ 🎵

~ # ! : ^ ^ - - .  
 ¶ ¶ » v \ †  
 | ☺ ☹ ☹ ☹ ☹  
 / < > < > < >

`\p{so}`

## Math Symbols

{[O]} , ; : . ! / \ - \_ — — ... • \* & % # @ , ' " ' " ' < > >>  
' ~ = + × | < > <> \$ ^ ¶ § © ® ™ 🎵

$\sim$   $\#$   $!$   $\bullet$   $\circ$   $\diamond$   $\vdots$   $\ddots$   $\wedge$   $\bigwedge$   $\neg$   $\neg$   $\cdot$   
 $\backslash p\{sm\}$   $\P$   $\neg$   $\dagger$   $\gg$   $\vee$   $\backslash$   $\dagger$   
 $|$   $\nabla$   $\nabla$   $\bullet$   $\nabla$   $\nabla$   
 $/$   $\lessgtr$   $\lessgtr$   $\lessgtr$   $\lessgtr$   $\lessgtr$

## Hyphens and Dashes

{[O]} , ; : . ! / \ - **■** **■** **■** **■** ... • \* & % # @ , ' " ' " ' < > >>  
 ` ~ = + × | < > ↔ \$ ^ ¶ § © ® ™ 🎵

~ # ! • • ˇ ; ¨ ^ ^ ÷ ÷ ·

¶ ¶ ¶ » ¶ \ †

| ∩ ∩ ∩ ∩

/ < > < > < >

`\p{pd}`

## Open Punctuations

{[()]} , ; : . ! / \ - \_ — — ... • \* & % # @ , ' " ' " ' ' < > »  
' ~ = + × | < > ↔ \$ ^ ¶ § © ® ™ 🎵

`\p{ps}`

## Close Punctuations

{[()]} , ; : . ! / \ - \_ — — … • \* & % # @ , ‘ ’ “ ” ‘ ’ < > »  
` ~ = + × | < > ↔ \$ ^ ¶ § © ® ™ 🎵

~ # ! • • ˇ ; ¨ ^ ^ ¯ ¯ .  
 ¶ ¶ ¢ » ˇ \ †  
 | ¨ ¨ • ¨ ¨  
 / < > < > < >

## Single Quotes

{[()]} , ; : . ! / \ - \_ — — ... • \* & % # @ , ‘ ’ “ ” ′ ″ ‹ › « »  
~ = + × | < > ↔ \$ ^ ¶ § © ® ™ 🎵

~ # ! • • ~ ; : ^ ^ - - .

¶ ¶ ¶ » v \ †

| ☺ ↓ ● ☺ ☺

/ < > < > < >

## Double Quotes

{[O]}, ; , : . ? ! \ / - \_ — — ... • \* & % # @ , ' ; ?  
' " " ' < > « »  
' ~ = + × | < > ↔ \$ ^ ¶ § © ® ™ 🎵

~ # ! • • ~ ; : ^ ^ - - .

¶ ¶ ¶ » ¶ \ †

| ∩ ∩ ● ∩ ∩

/ < > < > < >

## Open Quotes

{[O]}, ; , : . ? ! / \ - \_ — — ... • \* & % # @ , ‘ ’ “ ” € ‹ › « »  
` ~ = + × | < > ↔ \$ ^ ¶ § © ® ™ 🎵

~ # ! • • ~ ; : ^ ^ - - .

$\backslash p\{pf\}$

/ < > < > < >

## Close Quotes

{[O]}, ; , : . ? ! / \ - \_ — — ... • \* & % # @ , ‘ ’ “ ” ‘ ’ “ ” ‹ › « »  
` ~ = + × | ‹ › ↔ \$ ^ ¶ § © ® ™ 🎵

[illegible]



## Open Brace

{ \{ [{} \x{007B}, \x{7B}

## Close Brace

} \} [}] \x{007D}, \x{7D}

## Open Bracket

[ \[ [[] \x{005B}, \x{5B}

## Close Bracket

] \] [}] \x{005D}, \x{5D}

## Open Parenthesis

( \([ ( \x{0028}, \x{28}

## Close Parenthesis

) \) [)] \x{0029}, \x{29}

## Double Left Quotation Marks

<< ~} \x{201D}

## Double Right Quotation Marks

>> ~{ \x{201C}

## Single Left Quotation Marks

< ~[ \x{2039}

## Single Right Quotation Marks

> ~] \x{203A}

## Straight Single Quotation Mark

' ~' \x{0027}, \x{27}

## Straight Double Quotation Mark

" ~" \x{0022}, \x{22}

## Hebrew Geresh

' ~G \x{05f3}

## Hebrew Gershayim

" ~A \x{05f4}

## Comma

, \x{002C}, \x{2C}

## Semicolon

; \x{003B}, \x{3B}

## Colon

: \x{003A}, \x{3A}

## Ellipsis

... ~e \x{2026}

## Question Mark

? \? [?] \x{003F}, \x{3F}

## Exclamation Mark

! \x{0021}, \x{21}

## Slash

/ \x{002F}, \x{2F}

## Backslash

\ \\ [ \] \x{005C}, \x{5C}

## Em Dash

— ~ \x{2014}

## Nonbreaking Hyphen

- ~ \x{2011}

## Minus Sign, Hyphen-Minus

- \- \x{002D}, \x{2D}

## Bullet Character

• ~8 \x{2022}

## Ampersand

& \x{0026}, \x{26}

## Commercial at, At Sign

@ \x{0040}, \x{40}

## Grave Accent

` \x{0060}, \x{60}

## Plus Sign

+ \x{002B}, \x{2B}

## Equal Sign

= \x{003D}, \x{3D}

## Greater than Sign

> \x{003E}, \x{3E}

## Currency Symbol (Dollar sign)

\$ \\$ [\$] \p{sc} \x{0024}, \x{24}

## En Dash

— ~ = \x{2013}

## Connector Punctuation (Underscore)

\_ \p{pc} \x{005F}, \x{5F}

## Hebrew Maqaf

֊ ~Q \x{05BE}

## Asterisk

\* \\* [\*] \x{002A}, \x{2A}

## Percent Sign

% \x{0025}, \x{25}

## Number Sign

# \x{0023}, \x{23}

## Tilde

~ \x{007E}, \x{7E}

## Multiplication Sign

× \x{00D7}, \x{D7}

## Vertical Line, Pipeline

| \ | [] \x{007C}, \x{7C}

## Less than Sign

< \x{003C}, \x{3C}

## Modifier Symbol (Caret)

^ \^ \p{sk} \x{005E}, \x{5E}

## Full stop, period, dot, decimal point

• \. [.] \x{002E}, \x{2E}

## Paragraph Symbol

¶ ~7 \x{00B6}, \x{B6}

## Copyright Symbol

© ~2 \x{00A9}, \x{A9}

## Trademark Symbol

™ ~d \x{2122}

## Digraph entered as two separate Letters

Æ æ É é DZ Dz dz DŽ Dž dž LJ Lj lj NJ Nj nj [[=ae=]]

Other language Letters  
(Hebrew, Arabic, & Persian)

מלה מלה \p{lo}

Grammar marks  
(Hebrew, Arabic, & Persian)

מלה מלה \p{m\*} \p{mn}

## Arabic Comma

‘ \x{060C}

## ASCII digits Codes

0 Zero \x{0030}, \x{30}

1 One \x{0031}, \x{31}

2 Two \x{0032}, \x{32}

3 Three \x{0033}, \x{33}

4 Four \x{0034}, \x{34}

5 Five \x{0035}, \x{35}

6 Six \x{0036}, \x{36}

7 Seven \x{0037}, \x{37}

8 Eight \x{0038}, \x{38}

9 Nine \x{0039}, \x{39}

## Footnote Marker

(1) — 1 ~F \x{0004}, \x{04}

## Section Symbol

§ ~6 \x{00A7}, \x{A7}

## Registered Symbol

® ~r \x{00AE}, \x{AE}

## Equivalent Letters

AaÀÁÂÃÄÅàáâãäå [[=a=]]

Kashida or Arabic Tatweel  
(Use for extending Arabic & Persian letter)

كلمة ~W \p{lm} \x{0640}

## Arabic Question Mark

؟ \x{016F}

## Arabic Semicolon

؛ \x{061B}

## Range of Characters

<b>Adlam</b>	<code>[\x{1E900}-\x{1E95F}]</code>	•
<b>Ahom</b>	<code>[\x{11700}-\x{1173F}]</code>	•
<b>Alphabetic Presentation Forms</b> (Armenian, Hebrew, & Latin)	<code>[\x{FB00}-\x{FB4F}]</code>	•
<b>Arabic</b>	<code>[\x{0600}-\x{06FF}]</code>	•
<b>Arabic Extended-A</b> (African languages & other some dialects)	<code>[\x{08A0}-\x{08FF}]</code>	•
<b>Arabic Presentation Forms-A</b> (Asian languages)	<code>[\x{FB50}-\x{FDFF}]</code>	•
<b>Arabic Presentation Forms-B</b> (Glyphs Arabic forms)	<code>[\x{FE70}-\x{FEFF}]</code>	•
<b>Arabic Supplement</b> (African languages)	<code>[\x{0750}-\x{077F}]</code>	•
<b>Armenian</b>	<code>[\x{0530}-\x{058F}]</code>	•
<b>Avestan</b>	<code>[\x{10B00}-\x{10B3F}]</code>	•
<b>Balinese</b>	<code>[\x{1B00}-\x{1B7F}]</code>	•
<b>Bamum</b>	<code>[\x{A6A0}-\x{A6FF}]</code>	•
<b>Bamum Supplement</b>	<code>[\x{16800}-\x{16A3F}]</code>	•
<b>Bassa Vah</b>	<code>[\x{16AD0}-\x{16AFF}]</code>	•
<b>Batak</b>	<code>[\x{1BC0}-\x{1BFF}]</code>	•
<b>Bengali</b>	<code>[\x{0980}-\x{09FF}]</code>	•
<b>Bhaiksuki</b>	<code>[\x{11C00}-\x{11C6F}]</code>	•
<b>Bopomofo</b>	<code>[\x{3100}-\x{312F}]</code>	•
<b>Bopomofo Extended</b>	<code>[\x{31A0}-\x{31BF}]</code>	•
<b>Brahmi</b>	<code>[\x{11000}-\x{1107F}]</code>	•
<b>Buginese</b>	<code>[\x{1A00}-\x{1A1F}]</code>	•
<b>Buhid</b>	<code>[\x{1740}-\x{175F}]</code>	•
<b>Carian</b>	<code>[\x{102A0}-\x{102DF}]</code>	•
<b>Caucasian Albanian</b>	<code>[\x{10530}-\x{1056F}]</code>	•
<b>Chakma</b>	<code>[\x{11100}-\x{1114F}]</code>	•
<b>Cham</b>	<code>[\x{AA00}-\x{AA5F}]</code>	•
<b>Cherokee</b>	<code>[\x{13A0}-\x{13FF}]</code>	•
<b>Cherokee Supplement</b>	<code>[\x{AB70}-\x{ABBF}]</code>	•
<b>CJK Compatibility</b>	<code>[\x{3300}-\x{33FF}]</code>	•
<b>CJK Compatibility Forms</b>	<code>[\x{FE30}-\x{FE4F}]</code>	•
<b>CJK Compatibility Ideographs</b>	<code>[\x{F900}-\x{FAD9}]</code>	•
<b>CJK Compatibility Ideographs Supplement</b>	<code>[\x{2F800}-\x{2FA1D}]</code>	•
<b>CJK Radicals Supplement</b>	<code>[\x{2E80}-\x{2EFF}]</code>	•
<b>CJK Strokes</b>	<code>[\x{31C0}-\x{31EF}]</code>	•
<b>CJK Unified Ideographs</b>	<code>[\x{9FB8}-\x{9FD5}]</code>	•
<b>CJK Unified Ideographs Extension A</b>	<code>[\x{3400}-\x{343A}]</code>	•
<b>CJK Unified Ideographs Extension B</b>	<code>[\x{20000}-\x{2A6D6}]</code>	•
<b>CJK Unified Ideographs Extension C</b>	<code>[\x{2A700}-\x{2B734}]</code>	•
<b>CJK Unified Ideographs Extension D</b>	<code>[\x{2B740}-\x{2B81D}]</code>	•
<b>CJK Unified Ideographs Extension E</b>	<code>[\x{2B820}-\x{2CEA1}]</code>	•

# Unicode range for every world languages

<b>Coptic</b>	<code>[\x{2C80}-\x{2CFF}]</code>	•
<b>Cuneiform</b>	<code>[\x{12000}-\x{120FF}]</code>	•
<b>Cuneiform</b>	<code>[\x{12300}-\x{123FF}]</code>	•
<b>Cypriot Syllabary</b>	<code>[\x{10800}-\x{1083F}]</code>	•
<b>Cyrillic</b>	<code>[\x{0400}-\x{04FF}]</code>	•
<b>Cyrillic Extended-A</b>	<code>[\x{2DE0}-\x{2DFF}]</code>	•
<b>Cyrillic Extended-B</b>	<code>[\x{A640}-\x{A69F}]</code>	•
<b>Cyrillic Extended-C</b>	<code>[\x{1C80}-\x{1C8F}]</code>	•
<b>Cyrillic Supplement</b>	<code>[\x{0500}-\x{052F}]</code>	•
<b>Deseret</b>	<code>[\x{10400}-\x{1044F}]</code>	•
<b>Devanagari</b>	<code>[\x{0900}-\x{097F}]</code>	•
<b>Devanagari Extended</b>	<code>[\x{A8E0}-\x{A8FF}]</code>	•
<b>Duployan</b>	<code>[\x{1BC00}-\x{1BC9F}]</code>	•
<b>Early Dynastic Cuneiform</b>	<code>[\x{12480}-\x{1254F}]</code>	•
<b>Egyptian Hieroglyphs</b>	<code>[\x{13000}-\x{1467F}]</code>	•
<b>Elbasan</b>	<code>[\x{10500}-\x{1052F}]</code>	•
<b>Enclosed Alphanumeric Supplement</b> (Circled letters)	<code>[\x{1F100}-\x{1F1FF}]</code>	•
<b>Enclosed Alphanumerics</b> (Circled letters)	<code>[\x{2460}-\x{24FF}]</code>	•
<b>Enclosed CJK Letters and Months</b> (Circled letters)	<code>[\x{3200}-\x{32FF}]</code>	•
<b>Enclosed Ideographic Supplement</b> (Circled letters)	<code>[\x{1F200}-\x{1F2FF}]</code>	•
<b>Ethiopic</b>	<code>[\x{1200}-\x{137F}]</code>	•
<b>Ethiopic Extended</b>	<code>[\x{2D80}-\x{2DDF}]</code>	•
<b>Ethiopic Extended-A</b>	<code>[\x{AB00}-\x{AB2F}]</code>	•
<b>Ethiopic Supplement</b>	<code>[\x{1380}-\x{139F}]</code>	•
<b>Georgian</b>	<code>[\x{10A0}-\x{10FF}]</code>	•
<b>Georgian Supplement</b>	<code>[\x{2D00}-\x{2D2F}]</code>	•
<b>Glagolitic</b>	<code>[\x{2C00}-\x{2C5F}]</code>	•
<b>Glagolitic Supplement</b>	<code>[\x{1E000}-\x{1E02F}]</code>	•
<b>Gothic</b>	<code>[\x{10330}-\x{1034F}]</code>	•
<b>Grantha</b>	<code>[\x{11300}-\x{1137F}]</code>	•
<b>Greek and Coptic</b>	<code>[\x{0370}-\x{03FF}]</code>	•
<b>Greek Extended</b>	<code>[\x{1F00}-\x{1FFF}]</code>	•
<b>Gujarati</b>	<code>[\x{0A80}-\x{0AFF}]</code>	•
<b>Gurmukhi</b>	<code>[\x{0A00}-\x{0A7F}]</code>	•
<b>Halfwidth and Fullwidth Forms</b>	<code>[\x{FF00}-\x{FFEF}]</code>	•
<b>Hangul Compatibility Jamo</b>	<code>[\x{3130}-\x{318F}]</code>	•
<b>Hangul Jamo</b>	<code>[\x{1100}-\x{11FF}]</code>	•
<b>Hangul Jamo Extended-A</b>	<code>[\x{A960}-\x{A97F}]</code>	•
<b>Hangul Jamo Extended-B</b>	<code>[\x{D7B0}-\x{D7FF}]</code>	•
<b>Hangul Syllables</b>	<code>[\x{AC00}-\x{D7AF}]</code>	•
<b>Hanunoo</b>	<code>[\x{1720}-\x{173F}]</code>	•

# Unicode range for every world languages

<b>Hatran</b>	<a href="#">[\x{108E0}-\x{108FF}]</a>	•
<b>Hebrew</b>	<a href="#">[\x{0590}-\x{05FF}]</a>	•
<b>Hiragana</b>	<a href="#">[\x{3040}-\x{309F}]</a>	•
<b>Ideographic Description Characters</b>	<a href="#">[\x{2FF0}-\x{2FFF}]</a>	•
<b>Imperial Aramaic</b>	<a href="#">[\x{10840}-\x{1085F}]</a>	•
<b>Inscriptional Pahlavi</b>	<a href="#">[\x{10B60}-\x{10B7F}]</a>	•
<b>Inscriptional Parthian</b>	<a href="#">[\x{10B40}-\x{10B5F}]</a>	•
<b>IPA Extensions</b>	<a href="#">[\x{0250}-\x{02AF}]</a>	•
<b>Javanese</b>	<a href="#">[\x{A980}-\x{A9DF}]</a>	•
<b>Kaithi</b>	<a href="#">[\x{11080}-\x{110CF}]</a>	•
<b>Kanbun</b>	<a href="#">[\x{3190}-\x{319F}]</a>	•
<b>Kangxi Radicals</b>	<a href="#">[\x{2F00}-\x{2FDF}]</a>	•
<b>Kannada</b>	<a href="#">[\x{0C80}-\x{0CFF}]</a>	•
<b>Katakana</b>	<a href="#">[\x{30A0}-\x{30FF}]</a>	•
<b>Katakana Phonetic Extensions</b>	<a href="#">[\x{31F0}-\x{31FF}]</a>	•
<b>Kayah Li</b>	<a href="#">[\x{A900}-\x{A92F}]</a>	•
<b>Kharoshthi</b>	<a href="#">[\x{10A00}-\x{10A5F}]</a>	•
<b>Khmer</b>	<a href="#">[\x{1780}-\x{17FF}]</a>	•
<b>Khojki</b>	<a href="#">[\x{11200}-\x{1124F}]</a>	•
<b>Khudawadi</b>	<a href="#">[\x{112B0}-\x{112FF}]</a>	•
<b>Lao</b>	<a href="#">[\x{0E80}-\x{0EFF}]</a>	•
<b>Latin C0 Controls and Basic Latin</b>	<a href="#">[\x{0000}-\x{007F}]</a>	•
<b>Latin C1 Controls and Latin-1 Supplement</b>	<a href="#">[\x{0080}-\x{00FF}]</a>	•
<b>Latin Extended Additional</b>	<a href="#">[\x{1E00}-\x{1EFF}]</a>	•
<b>Latin Extended-A</b>	<a href="#">[\x{0100}-\x{017F}]</a>	•
<b>Latin Extended-B</b>	<a href="#">[\x{0180}-\x{024F}]</a>	•
<b>Latin Extended-C</b>	<a href="#">[\x{2C60}-\x{2C7F}]</a>	•
<b>Latin Extended-D</b>	<a href="#">[\x{A720}-\x{A7FF}]</a>	•
<b>Latin Extended-E</b>	<a href="#">[\x{AB30}-\x{AB6F}]</a>	•
<b>Lepcha</b>	<a href="#">[\x{1C00}-\x{1C4F}]</a>	•
<b>Limbu</b>	<a href="#">[\x{1900}-\x{194F}]</a>	•
<b>Linear A</b>	<a href="#">[\x{10600}-\x{106BF}]</a>	•
<b>Linear A</b>	<a href="#">[\x{106C0}-\x{1077F}]</a>	•
<b>Linear B Ideograms</b>	<a href="#">[\x{10080}-\x{100FF}]</a>	•
<b>Linear B Syllabary</b>	<a href="#">[\x{10000}-\x{1007F}]</a>	•
<b>Lisu</b>	<a href="#">[\x{A4D0}-\x{A4FF}]</a>	•
<b>Lycian</b>	<a href="#">[\x{10280}-\x{1029F}]</a>	•
<b>Lydian</b>	<a href="#">[\x{10920}-\x{1093F}]</a>	•
<b>Mahajani</b>	<a href="#">[\x{11150}-\x{1117F}]</a>	•
<b>Mahjong Tiles</b>	<a href="#">[\x{1F000}-\x{1F02F}]</a>	•
<b>Malayalam</b>	<a href="#">[\x{0D00}-\x{0D7F}]</a>	•



<b>Mandaic</b>	<code>[\x{0840}-\x{085F}]</code>	•
<b>Manichaean</b>	<code>[\x{10AC0}-\x{10AE1}]</code>	•
<b>Marchen</b>	<code>[\x{11C70}-\x{11CBF}]</code>	•
<b>Meetei Mayek</b>	<code>[\x{ABC0}-\x{ABFF}]</code>	•
<b>Meetei Mayek Extensions</b>	<code>[\x{AAE0}-\x{AAFF}]</code>	•
<b>Mende Kikakui</b>	<code>[\x{1E800}-\x{1E8DF}]</code>	•
<b>Meroitic Cursive</b>	<code>[\x{109A0}-\x{109FF}]</code>	•
<b>Meroitic Hieroglyphs</b>	<code>[\x{10980}-\x{1099F}]</code>	•
<b>Miao</b>	<code>[\x{16F00}-\x{16F9F}]</code>	•
<b>Modi</b>	<code>[\x{11600}-\x{1165F}]</code>	•
<b>Mongolian</b>	<code>[\x{1800}-\x{188A}]</code>	•
<b>Mongolian Supplement</b>	<code>[\x{11660}-\x{1167F}]</code>	•
<b>Mro</b>	<code>[\x{16A40}-\x{16A6F}]</code>	•
<b>Multani</b>	<code>[\x{11280}-\x{112AF}]</code>	•
<b>Myanmar</b>	<code>[\x{1000}-\x{109F}]</code>	•
<b>Myanmar Extended-A</b>	<code>[\x{AA60}-\x{AA7F}]</code>	•
<b>Myanmar Extended-B</b>	<code>[\x{A9E0}-\x{A9FF}]</code>	•
<b>Nabataean</b>	<code>[\x{10880}-\x{108AF}]</code>	•
<b>New Tai Lue</b>	<code>[\x{1980}-\x{19DF}]</code>	•
<b>Newa</b>	<code>[\x{11400}-\x{1147F}]</code>	•
<b>NKo</b>	<code>[\x{07C0}-\x{07FF}]</code>	•
<b>Ogham</b>	<code>[\x{1680}-\x{169F}]</code>	•
<b>Old Hungarian</b>	<code>[\x{10C80}-\x{10CFF}]</code>	•
<b>Old Italic</b>	<code>[\x{10300}-\x{1032F}]</code>	•
<b>Old North Arabian</b>	<code>[\x{10A80}-\x{10A9F}]</code>	•
<b>Old Permic</b>	<code>[\x{10350}-\x{1037F}]</code>	•
<b>Old Persian</b>	<code>[\x{103A0}-\x{103DF}]</code>	•
<b>Old South Arabian</b>	<code>[\x{10A60}-\x{10A7F}]</code>	•
<b>Old Turkic</b>	<code>[\x{10C00}-\x{10C4F}]</code>	•
<b>Oriya</b>	<code>[\x{0B00}-\x{0B7F}]</code>	•
<b>Osage</b>	<code>[\x{104B0}-\x{104FF}]</code>	•
<b>Osmanya</b>	<code>[\x{10480}-\x{104AF}]</code>	•
<b>Pahawh Hmong</b>	<code>[\x{16B00}-\x{16B8F}]</code>	•
<b>Palmyrene</b>	<code>[\x{10860}-\x{1087F}]</code>	•
<b>Pau Cin Hau</b>	<code>[\x{11AC0}-\x{11AFF}]</code>	•
<b>Phags-pa</b>	<code>[\x{A840}-\x{A868}]</code>	•
<b>Phaistos Disc</b>	<code>[\x{101D0}-\x{101FF}]</code>	•
<b>Phoenician</b>	<code>[\x{10900}-\x{1091F}]</code>	•
<b>Psalter Pahlavi</b>	<code>[\x{10B80}-\x{10BAF}]</code>	•
<b>Rejang</b>	<code>[\x{A930}-\x{A95F}]</code>	•
<b>Runic</b>	<code>[\x{16A0}-\x{16FF}]</code>	•

# Unicode range for every world languages

<b>Samaritan</b>	<code>[\x{0800}-\x{083F}]</code>	•
<b>Saurashtra</b>	<code>[\x{A880}-\x{A8DF}]</code>	•
<b>Sharada</b>	<code>[\x{11180}-\x{111DF}]</code>	•
<b>Shavian</b>	<code>[\x{10450}-\x{1047F}]</code>	•
<b>Siddham</b>	<code>[\x{11580}-\x{115FF}]</code>	•
<b>Sinhala</b>	<code>[\x{0D80}-\x{0DFF}]</code>	•
<b>Small Form Variants</b>	<code>[\x{FE50}-\x{FE6F}]</code>	•
<b>Sora Sompeng</b>	<code>[\x{110D0}-\x{110FF}]</code>	•
<b>Spacing Modifier Letters</b>	<code>[\x{02B0}-\x{02FF}]</code>	•
<b>Specials</b>	<code>[\x{FFFO}-\x{FFFF}]</code>	•
<b>Sundanese</b>	<code>[\x{1B80}-\x{1BBF}]</code>	•
<b>Sundanese Supplement</b>	<code>[\x{1CC0}-\x{1CCF}]</code>	•
<b>Superscripts and Subscripts</b>	<code>[\x{2070}-\x{209F}]</code>	•
<b>Sutton SignWriting</b>	<code>[\x{1D800}-\x{1DAAF}]</code>	•
<b>Syloti Nagri</b>	<code>[\x{A800}-\x{A82F}]</code>	•
<b>Syriac</b>	<code>[\x{0700}-\x{074F}]</code>	•
<b>Tagalog</b>	<code>[\x{1700}-\x{171F}]</code>	•
<b>Tagbanwa</b>	<code>[\x{1760}-\x{177F}]</code>	•
<b>Tags</b>	<code>[\x{E0000}-\x{E007F}]</code>	•
<b>Tai Le</b>	<code>[\x{1950}-\x{197F}]</code>	•
<b>Tai Tham</b>	<code>[\x{1A20}-\x{1AAF}]</code>	•
<b>Tai Viet</b>	<code>[\x{AA80}-\x{AADF}]</code>	•
<b>Takri</b>	<code>[\x{11680}-\x{116CF}]</code>	•
<b>Tamil</b>	<code>[\x{0B80}-\x{0BFF}]</code>	•
<b>Tangut</b>	<code>[\x{17000}-\x{187EC}]</code>	•
<b>Tangut Components</b>	<code>[\x{18800}-\x{18AFF}]</code>	•
<b>Telugu</b>	<code>[\x{0C00}-\x{0C7F}]</code>	•
<b>Thaana</b>	<code>[\x{0780}-\x{07BF}]</code>	•
<b>Thai</b>	<code>[\x{0E00}-\x{0E7F}]</code>	•
<b>Tibetan</b>	<code>[\x{0F00}-\x{0FFF}]</code>	•
<b>Tirhuta</b>	<code>[\x{11480}-\x{114DF}]</code>	•
<b>Ugaritic</b>	<code>[\x{10380}-\x{1039F}]</code>	•
<b>Unified Canadian Aboriginal Syllabics</b>	<code>[\x{1400}-\x{167F}]</code>	•
<b>Unified Canadian Aboriginal Syllabics Extended</b>	<code>[\x{18B0}-\x{18FF}]</code>	•
<b>Vai</b>	<code>[\x{A500}-\x{A63F}]</code>	•
<b>Vedic Extensions</b>	<code>[\x{1CD0}-\x{1CFF}]</code>	•
<b>Warang Citi</b>	<code>[\x{118A0}-\x{118FF}]</code>	•
<b>Yi Radicals</b>	<code>[\x{A490}-\x{A4CF}]</code>	•
<b>Yi Syllables</b>	<code>[\x{A000}-\x{A0EF}]</code>	•



## Numbers

- Aegean Numbers** `[\x{10100}-\x{1013F}]` •
- Ancient Greek Numbers** `[\x{10140}-\x{1018F}]` •
- Common Indic Number Forms** `[\x{A830}-\x{A83F}]` •
- Coptic Epact Numbers** `[\x{102E0}-\x{102FF}]` •
- Counting Rod Numerals** `[\x{1D360}-\x{1D37F}]` •
- Cuneiform Numbers and Punctuation** `[\x{12400}-\x{1247F}]` •
- Number Forms** `[\x{2150}-\x{218F}]` •
- Sinhala Archaic Numbers** `[\x{111E0}-\x{111FF}]` •

## Punctuations

- CJK Symbols and Punctuation** `[\x{3000}-\x{303F}]` •
- General Punctuation** `[\x{2000}-\x{206F}]` •
- Supplemental Punctuation** `[\x{2E00}-\x{2E7F}]` •

## Symbols and Marks

- Alchemical Symbols** `[\x{1F700}-\x{1F77F}]` •
- Ancient Symbols** `[\x{10190}-\x{101CF}]` •
- Arrows** `[\x{2190}-\x{21FF}]` •
- Arrows-A Supplement** `[\x{27F0}-\x{27FF}]` •
- Arrows-B Supplement** `[\x{2900}-\x{297F}]` •
- Arrows-C Supplement** `[\x{1F800}-\x{1F8FF}]` •
- Block Elements** `[\x{2580}-\x{259F}]` •
- Box Drawing** `[\x{2500}-\x{257F}]` •
- Braille Patterns** `[\x{2800}-\x{28FF}]` •
- Combining Diacritical Marks** `[\x{0300}-\x{036F}]` •
- Combining Diacritical Marks Extended** `[\x{1AB0}-\x{1AFF}]` •
- Combining Diacritical Marks for Symbols** `[\x{20D0}-\x{20FF}]` •
- Combining Diacritical Marks Supplement** `[\x{1DC0}-\x{1DFF}]` •
- Combining Half Marks** `[\x{FE20}-\x{FE2F}]` •
- Control Pictures** `[\x{2400}-\x{243F}]` •
- Currency Symbols** `[\x{20A0}-\x{20CF}]` •
- Dingbats** `[\x{2700}-\x{27BF}]` •
- Domino Tiles** `[\x{1F030}-\x{1F09F}]` •
- Emoticons** `[\x{1F600}-\x{1F64F}]` •
- Geometric Shapes** `[\x{25A0}-\x{25FF}]` •
- Geometric Shapes Extended** `[\x{1F780}-\x{1F7FF}]` •
- Khmer Symbols** `[\x{19E0}-\x{19FF}]` •
- Letterlike Symbols** `[\x{2100}-\x{214F}]` •
- Mathematical Alphabetic Arabic Symbols** `[\x{1EE00}-\x{1EEFF}]` •
- Mathematical Alphanumeric Symbols** `[\x{1D400}-\x{1D7FF}]` •

# Unicode range for every world languages

**Mathematical Operators** [\x{2200}-\x{22DB}] •

**Mathematical Operators Supplemental** [\x{2A00}-\x{2ACC}] •

**Mathematical Miscellaneous Symbols-A** [\x{27C0}-\x{27EF}] •

**Mathematical Miscellaneous Symbols-B** [\x{2980}-\x{29FF}] •

**Miscellaneous Symbols** [\x{2600}-\x{26FF}] •

**Miscellaneous Symbols and Arrows** [\x{2B00}-\x{2BFF}] •

**Miscellaneous Symbols and Pictographs** [\x{1F300}-\x{1F5FF}] •

**Miscellaneous Technical** [\x{2300}-\x{23FF}] •

**Musical Notation of Ancient Greek** [\x{1D200}-\x{1D24F}] •

**Musical Symbols** [\x{1D100}-\x{1D1FF}] •

**Musical Symbols Byzantine** [\x{1D000}-\x{1D0FF}] •

**Optical Character Recognition** [\x{2440}-\x{245F}] •

**Ornamental Dingbats** [\x{1F650}-\x{1F67F}] •

**Phonetic Extensions** [\x{1D00}-\x{1D7F}] •

**Phonetic Extensions Supplement** [\x{1D80}-\x{1DBF}] •

**Playing Cards** [\x{1F0A0}-\x{1F0FF}] •

**Rumi Numeral Symbols** [\x{10E60}-\x{10E7F}] •

**Supplemental Symbols and Pictographs** [\x{1F900}-\x{1F9FF}] •

**Tai Xuan Jing Symbols** [\x{1D300}-\x{1D35F}] •

**Tifinagh** [\x{2D30}-\x{2D7F}] •

**Transport and Map Symbols** [\x{1F680}-\x{1F6FF}] •

**Vertical Forms** [\x{FE10}-\x{FE1F}] •

## Variable in Find What only

<code>~V</code>	Any Variable	<code>~Y</code>	Running Header (Paragraph Style)
<code>~u</code>	Custom Text	<code>~Z</code>	Running Header (Character Style)
<code>~T</code>	Last Page Number	<code>~O</code>	Modification Date
<code>~H</code>	Chapter Number	<code>~l</code> <small>(Lowercase L)</small>	File Name
<code>~O</code>	Correct Date	<code>~J</code>	Metadata Caption
<code>~D</code>	Output Date		

## Locations in Find What only

<code>&lt;...</code>	<b>Beginning of Word:</b> To find word that starts with your code
<code>&lt;cat</code>	cat catalogue medicate bobcat
<code>...&gt;</code>	<b>End of Word:</b> To find word that ends with your code
<code>cat&gt;</code>	cat catalogue medicate bobcat
<code>&lt;...&gt;</code>	<b>Beginning and End of word:</b> To find the exact code between
<code>&lt;cat&gt;</code>	cat catalogue medicate bobcat
<code>\b</code>	<b>Word Boundary:</b> To find word that starts/ends with your code
<code>\bcat</code>	cat catalogue medicate bobcat
<code>cat\b</code>	cat catalogue medicate bobcat
<code>\b... \b</code>	<b>Beginning and End of word:</b> To find the exact code between
<code>\bcat\b</code>	cat catalogue medicate bobcat
<code>\B</code>	<b>Not Word Boundary:</b> To find your code in anywhere of pattern
<code>\Bcat</code>	cat catalogue medicate bobcat
<code>cat\B</code>	cat catalogue medicate bobcat
<code>\B... \B</code>	<b>Not exact word:</b> To find your code in anywhere except start or end word
<code>\Bcat\B</code>	cat catalogue medicate bobcat

**^** ... **Beginning of paragraph:** Find paragraph that starts with your code

**^Cat** **Cat** on the tree

... **\$** **End of paragraph:** Find paragraph that ends with your code

**cat\$** I bought **cat**

**\A** ... **Beginning of story:** Find story that starts with your code

**\A~8** find story starts with bullet

... **\Z, ... \Z** **End of story:** Find story that ends with your code

**~e\Z** find story ends with ellipsis

**\Q ... \E** **Literal-text span:** To escape metacharacters between

**\QF^U+(C\*K)\E** same as: **F^U\+(C\\*K\)**

## Repeat in Find What only

**?** **Zero or One Time:** Does not exist or exists only one (0, 1)

**ab?** **a ab abb abbb abbbbbb** Find (a) followed one (b) or not

**\*** **Zero or More Times:** Does not exist or exists one or more (0, 1+)

**ab\*** **a ab abb abbb abbbbbb** Find (a) followed one (b) and more or not

**+** **One or More Times:** Exists only one or more (1, 1+)

**ab+** **a ab abb abbb abbbbbb** Find (a) followed one (b) or more

**??** **Zero or One Time (Shortest Match):** To find one only (1, 1)

**ab??** **a ab abb abbb abbbbbb** Find only (a) even if (b) exists

**\*?** **Zero or More Times (Shortest Match):** To find as few as possible (0, 1)

**ab\*?** **a ab abb abbb abbbbbb** Find only (a) even if (b) exists

**+?** **One or More Times (Shortest Match):** To find exactly match and leave other (1)

**ab+?** **a ab abb abbb abbbbbb** Find only (ab) even if (b) repeated

**{n}**

**Exact Number:** To find the exact number of times (1)

ab{1}

a ab abb abbb abbbbbb

Find (a) followed (b), even if (b) repeated

**{n,}**

**Least and More Times:** To find at least number to more times (1, 1+)

ab{2,}

a ab abb abbb abbbbbb

Find (a) followed two (b) and more

**{n,m}**

**Between Minimum and Maximum times:** To find E.g. (2 to 4)

ab{2,4}

a ab abb abbb abbbbbb

Find (a) followed 2, 3, or 4 (b)

**{n,}?, {n,m}?**

**Shortest Match:** To find lowest (n) as possible

ab{2,}?

a ab abb abbb abbbbbb

Find (a) followed 2 (b)

ab{2,4}?

a ab abb abbb abbbbbb

Find (a) followed 2 (b)

**\1**

**Backreferences:** To find one repeated

a(b)\1

a ab abb abbb abbbbbb

Find (a) followed one repeated (b)

**\1+**

**Backreferences (Shortest Match):** To find all repeated

a(b)\1+

a ab abb abbb abbbbbb

Find (a) followed all repeated (b)

**Match**

in Find What only

**(...)**

**Marking Subexpression:** To capturing & grouping expression

(ate)

ate atelier patent date

**(?:...)**

**Non-capturing Group:** To group subpattern, but not capture submatch

(quick) (?:GREP) (guide)

quick GREP guide

**[...]**

**Character Set (Class):** A single character or a group of characters

[er]

error inner erred letter green red rat eat

**[^...]**

**Negated Character Class:** Exception from a pattern

<\w+[^b]all>

eyeball icefall catchall screwball recall small

**Note:** All punctuations needn't escaped if put with other codes in character class, except: ^ caret (makes Negated Character Class), - Hyphen-Minus (makes character range), \ backslash (escapes metacharacter), ~ tilde (use itself in some metacharacters). So when you use it with other characters must escaped by backslash [^a-z] [\a-z] [\~a-z] [\~a-z], or put it alone at the last of class [a-z^] [a-z\] [a-z-] [a-z~].

... | ... **Or:** Alternation  
(basket|beach|foot)ball      basketball beachball football

... \K ... **Positive lookbehind (CS6 and above):** 1st (Pattern) ← 2nd (target)  
\d\K(st|nd|rd)      1st edition 2nd chapter 3rd part

(?<= ... ) ... **Positive lookbehind:** 1st (Pattern) ← 2nd (target)  
(?<=\\d)(st|nd|rd)      1st edition 2nd chapter 3rd part

(?<! ... ) ... **Negative lookbehind:** 1st (Pattern) ← 2nd (target)  
(?<!=chapter\\s)\\d      Chapter 1 Chapter 2 Chapter 3

... (?= ... ) **Positive lookahead:** 1st (target) → 2nd (Pattern)  
\\w+(?=ball)      basketball icefall eyeball wall small football

... (?! ... ) **Negative lookahead:** 1st (Pattern) ← 2nd (target)  
ball(?!\\w+)      basketball icefall eyeball wall small football

(?<= ... ) ... (?= ... ) **lookaround:** To find in between

Same as ... \K ... (?= ... ) (CS6 and above)

(?<=\\().+?(?=\\)) Find any text (inside) parentheses

\\(\\K.+?(?=\\)) but (not including) the parentheses

(?> ... ) **Atomic Group:** Matches the longest possible substring in the group and doesn't allow later backtracking to reevaluate the group.  
(?>[ab]\*)\\w+      ab abb abbb abbbbbb aabbcc

## Modifiers in Find What only

(?i) ... **Case-insensitive On:** To ignore case  
(?i)apple, (?i:apple)      Apple apple APPLE Apple aPPle

(?-i) ... **Case-insensitive Off:** To notice case (default in InDesign)  
(?-i)apple, (?-i:apple)      Apple apple APPLE Apple aPPle

<b>(?m)...</b>	<b>Multiline On:</b> To ignore the paragraph boundaries (^ and \$)
<b>(?m)^\w+</b>	To allows all lines within the found text to be treated
<b>(?-m)...</b>	<b>Multiline Off:</b> To find at beginning or end of paragraph only
<b>(?-m)^\w+</b>	One or more word character at beginning of a line
<b>(?s)...</b>	<b>Single-Line On:</b> To match up to end of the story
<b>(?s).*</b>	Select a whole story
<b>(?-s)...</b>	<b>Single-Line Off:</b> To match up to the end of paragraph
<b>(?-s).*</b>	Select a whole paragraph
<b>(?X)...</b>	<b>Free-spacing mode On:</b> To ignore spaces by expression engine
<b>(?x)\d \. \d</b>	use spaces in code for clarity
<b>(?-X)...</b>	<b>Free-spacing mode Off (default in InDesign)</b>
<b>(?-x)\d \. \d</b>	Non ignore spaces in expression
<b>(?#...)</b>	<b>Comment:</b> To write a note about your code
<b>^\s+\$(?#empty line)</b>	for explanation or definition

## Codes of Change to

<b>~C</b>	<b>Clipboard Contents, Formatted:</b>	To paste (what you copied on a clipboard) in text with its format
Find What:	<b>^~8</b>	• List one
Change To:	<b>~C</b>	• List one
<b>~C</b>	<b>Clipboard Contents, Unformatted:</b>	To paste (what you copied on a clipboard) in text without its format
Find What:	<b>^~8</b>	• List one
Change To:	<b>~C</b>	• List one
<b>\$0-\$9</b>	<b>Found:</b> To refers the whole match	
Find What:	<b>(\d\d)(\.) (d)(\.) \d\d(\d\d)</b>	21.6.1975
Change To:	<b>\$3\$2\$1\$4\$5</b>	6.21.75
<b>\$0</b>	<b>Whole Match:</b> To refers the overall match	
Find What:	<b>\w\$ word</b>	
Change To:	<b>\$0. word.</b>	



## 1

## 1

## 1

## 1

## 1

## 1



## Non-Unicode Markers

 $\backslash P \{cf\}$ 

1

## Non-Break characters

$\backslash p\{c^*\}$

`\p{cc}`

$$[^\wedge[:\text{cntrl:}]], [[:^\wedge\text{cntrl:}]]$$

1

## Nondigits

 $[^0-9]$ 

\P {nd}

$$[^{[:\text{digit:}]}, [[:^{\text{digit:}}]]$$

1

## Nondigits and Non-Hexadecimal digits

$$\backslash P \{n^*\}$$

1

## Non-Punctuations

$$\setminus P\{p^*\}$$
$$[^\wedge[:\text{punct:}]], [[:^\wedge\text{punct:}]]$$

1

## Non-Unicode Character

$$[^[:\text{unicode:}]], [[:^{\text{unicode:}}]]$$

1

## Non-Uppercase Letter

Word слово λέξη sözcük کلمة  
 ABCDEFGHIJKLMNOPQRSTUVWXYZ  
 abcdefghijklmnopqrstuvwxyz  
 À Á Â Ã Ä Å à á â ã ä å Æ æ  
 0123456789 • ١٢٣٤٥٦٧٨٩ • ١٢٣٤٥٦٧٨٩ ½ VIIIviii  
 {[O]}, ;, : . ? ! / \ » - - - - - ... • \* & % / # @ , ' ;  
 ' " ' " ' < > « » ~ = + × | < > ↔ \$ ^ ¶ § © ® ™ ♪ (1)

~ # ! • • ~ : : ^ ^ - - .  
 ¶ ¶ ¶ » ~ \ †  
 \U | ∩ ∪ ∩ ∩ ∩  
 \P{lu} / < > < > < >  
 [^[:upper:]], [[:^upper:]]

1

## Non-Lowercase Letter

Word слово λέξη sözcük کلمة  
 ABCDEFGHIJKLMNOPQRSTUVWXYZ  
 abcdefghijklmnopqrstuvwxyz  
 À Á Â Ã Ä Å à á â ã ä å Æ æ  
 0123456789 • ١٢٣٤٥٦٧٨٩ • ١٢٣٤٥٦٧٨٩ ½ VIIIviii  
 {[O]}, ;, : . ? ! / \ » - - - - - ... • \* & % / # @ , ' ;  
 ' " ' " ' < > « » ~ = + × | < > ↔ \$ ^ ¶ § © ® ™ ♪ (1)

~ # ! • • ~ : : ^ ^ - - .  
 ¶ ¶ ¶ » ~ \ †  
 \L | ∩ ∪ ∩ ∩ ∩  
 \P{ll}, \P{1} / < > < > < >  
 [^[:lower:]], [[:^lower:]]

1

## Non-Hexadecimal digits

Word слово λέξη sözcük کلمة  
 ABCDEFGHIJKLMNOPQRSTUVWXYZ  
 abcdefghijklmnopqrstuvwxyz  
 À Á Â Ã Ä Å à á â ã ä å Æ æ  
 0123456789 • ١٢٣٤٥٦٧٨٩ • ١٢٣٤٥٦٧٨٩ ½ VIIIviii  
 {[O]}, ;, : . ? ! / \ » - - - - - ... • \* & % / # @ , ' ;  
 ' " ' " ' < > « » ~ = + × | < > ↔ \$ ^ ¶ § © ® ™ ♪ (1)

~ # ! • • ~ : : ^ ^ - - .  
 ¶ ¶ ¶ » ~ \ †  
 | ∩ ∪ ∩ ∩ ∩  
 / < > < > < >  
 [^[:xdigit:]], [[:^xdigit:]]

1

## Non-Alphabetic Letters (Uppercase &amp; Lowercase)

Word слово λέξη sözcük کلمة  
 ABCDEFGHIJKLMNOPQRSTUVWXYZ  
 abcdefghijklmnopqrstuvwxyz  
 À Á Â Ã Ä Å à á â ã ä å Æ æ  
 0123456789 • ١٢٣٤٥٦٧٨٩ • ١٢٣٤٥٦٧٨٩ ½ VIIIviii  
 {[O]}, ;, : . ? ! / \ » - - - - - ... • \* & % / # @ , ' ;  
 ' " ' " ' < > « » ~ = + × | < > ↔ \$ ^ ¶ § © ® ™ ♪ (1)

~ # ! • • ~ : : ^ ^ - - .  
 ¶ ¶ ¶ » ~ \ †  
 | ∩ ∪ ∩ ∩ ∩  
 / < > < > < >  
 [^A-Za-z]

1

## Non-Uppercase &amp; Lowercase Letters

Word слово λέξη sözcük کلمة  
 ABCDEFGHIJKLMNOPQRSTUVWXYZ  
 abcdefghijklmnopqrstuvwxyz  
 À Á Â Ã Ä Å à á â ã ä å Æ æ  
 0123456789 • ١٢٣٤٥٦٧٨٩ • ١٢٣٤٥٦٧٨٩ ½ VIIIviii  
 {[O]}, ;, : . ? ! / \ » - - - - - ... • \* & % / # @ , ' ;  
 ' " ' " ' < > « » ~ = + × | < > ↔ \$ ^ ¶ § © ® ™ ♪ (1)

~ # ! • • ~ : : ^ ^ - - .  
 ¶ ¶ ¶ » ~ \ †  
 | ∩ ∪ ∩ ∩ ∩  
 / < > < > < >  
 [^u\l]

1

## Non-Alphanumeric Character

Word слово λέξη sözcük کلمة  
 ABCDEFGHIJKLMNOPQRSTUVWXYZ  
 abcdefghijklmnopqrstuvwxyz  
 À Á Â Ã Ä Å à á â ã ä å Æ æ  
 0123456789 • ١٢٣٤٥٦٧٨٩ • ١٢٣٤٥٦٧٨٩ ½ VIIIviii  
 {[O]}, ;, : . ? ! / \ » - - - - - ... • \* & % / # @ , ' ;  
 ' " ' " ' < > « » ~ = + × | < > ↔ \$ ^ ¶ § © ® ™ ♪ (1)

~ # ! • • ~ : : ^ ^ - - .  
 ¶ ¶ ¶ » ~ \ †  
 | ∩ ∪ ∩ ∩ ∩  
 \P{alnum} / < > < > < >  
 [^[:alnum:]], [[:^alnum:]]

1

$$[^\alpha], [^\alpha]$$
$$[^\wedge[:\text{word:}]], [[:^\wedge\text{word:}]]$$
$$[{}^{\wedge}\text{x}\{0000\}-\text{x}\{007\text{F}\}]$$
$$[^\wedge[:\text{graph:}]], [[:^\wedge\text{graph:}]]$$

`\P {print}`

$\backslash P \{assigned\}$

1

