

General Punctuation

Range: 2000–206F

This file contains an excerpt from the character code tables and list of character names for the Unicode Standard, last updated for *The Unicode Standard, Version 4.0*.

This file may be updated as necessary to reflect errata without notice. For an up-to-date list of errata, see <http://www.unicode.org/errata/>

Disclaimer

These charts are provided as the on-line reference to the character contents of the Unicode Standard, Version 4.0 but do not provide all the information needed to fully support individual scripts using the Unicode Standard. For a complete understanding of the use of the characters contained in this excerpt file, please consult the appropriate sections of *The Unicode Standard, Version 4.0* (ISBN 0-321-18578-1), as well as Unicode Standard Annexes #9, #11, #14, #15, #24 and #29, the other Unicode Technical Reports and the Unicode Character Database, which are available on-line.

See <http://www.unicode.org/Public/UNIDATA/UCD.html> and <http://www.unicode.org/reports/>

A thorough understanding of the information contained in these additional sources is required for a successful implementation.

Fonts

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See <http://www.unicode.org/charts/fonts.html> for a list.

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










































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

















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See <http://www.unicode.org/pending/pending.html> and <http://www.unicode.org/alloc/Pipeline.html>.





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	200	201	202	203	204	205	206
0	 2000	— 2010	† 2020	‰ 2030	⤿ 2040	↻ 2050	 2060
1	 2001	 2011	‡ 2021	‱ 2031	ℓ 2041	✳ 2051	 2061
2	 2002	— 2012	● 2022	′ 2032	✳✳ 2042	% 2052	 2062
3	 2003	— 2013	▶ 2023	” 2033	■ 2043	~ 2053	 2063
4	 2004	— 2014	• 2024	”” 2034	/ 2044	⤿ 2054	
5	 2005	— 2015	•• 2025	、 2035	[2045		
6	 2006	 2016	••• 2026	””” 2036	}] 2046		
7	 2007	== 2017	• 2027	””” 2037	?? 2047	””” 2057	
8	 2008	‘ 2018	 2028	^ 2038	?! 2048		
9	 2009	’ 2019	 2029	< 2039	!? 2049		
A	 200A	, 201A	 202A	> 203A	7 204A		 206A
B	 200B	‘ 201B	 202B	✳ 203B	¶ 204B		 206B
C	 200C	“ 201C	 202C	!! 203C	◐ 204C		 206C
D	 200D	” 201D	 202D	!? 203D	◑ 204D		 206D
E	 200E	” 201E	 202E	— 203E	* 204E		 206E
F	 200F	“ 201F	 202F	⤿ 203F	• 204F	 205F	 206F




Spaces

- 2000  EN QUAD
≡ 2002  en space
- 2001  EM QUAD
= mutton quad
≡ 2003  em space
- 2002  EN SPACE
= nut
• half an em
≈ 0020  space
- 2003  EM SPACE
= mutton
• nominally, a space equal to the type size in points
• may scale by the condensation factor of a font
≈ 0020  space
- 2004  THREE-PER-EM SPACE
= thick space
≈ 0020  space
- 2005  FOUR-PER-EM SPACE
= mid space
≈ 0020  space
- 2006  SIX-PER-EM SPACE
• in computer typography sometimes equated to thin space
≈ 0020  space
- 2007  FIGURE SPACE
• space equal to tabular width of a font
• this is equivalent to the digit width of fonts with fixed-width digits
≈ `<noBreak>` 0020 
- 2008  PUNCTUATION SPACE
• space equal to narrow punctuation of a font
≈ 0020  space
- 2009  THIN SPACE
• a fifth of an em (or sometimes a sixth)
≈ 0020  space
- 200A  HAIR SPACE
• thinner than a thin space
• in traditional typography, the thinnest space available
≈ 0020  space
- 200B  ZERO WIDTH SPACE
= ZWSP
• nominally zero width, but may expand in justification





Formatting characters



- 200C  ZERO WIDTH NON-JOINER
= ZWNJ
- 200D  ZERO WIDTH JOINER
= ZWJ
- 200E  LEFT-TO-RIGHT MARK
= LRM
- 200F  RIGHT-TO-LEFT MARK
= RLM

Dashes

- 2010 - HYPHEN
→ 002D - hyphen-minus
→ 00AD  soft hyphen
- 2011  NON-BREAKING HYPHEN
→ 002D - hyphen-minus
→ 00AD  soft hyphen
≈ `<noBreak>` 2010 -
- 2012 - FIGURE DASH
- 2013 - EN DASH
- 2014 — EM DASH
• may be used in pairs to offset parenthetical text
→ 30FC — katakana-hiragana prolonged sound mark
- 2015 — HORIZONTAL BAR
= QUOTATION DASH
• long dash introducing quoted text

General punctuation



- 2016 || DOUBLE VERTICAL LINE
• used in pairs to indicate norm of a matrix
→ 20E6  combining double vertical stroke overlay
→ 2225 || parallel to
- 2017 = DOUBLE LOW LINE
• this is a spacing character
→ 005F _ low line
→ 0333  combining double low line
≈ 0020  0333 
- 2018 ‘ LEFT SINGLE QUOTATION MARK
= SINGLE TURNED COMMA QUOTATION MARK
• this is the preferred glyph (as opposed to 201B ‘)
→ 0027 ' apostrophe
→ 02BB ‘ modifier letter turned comma
→ 275B ‘ heavy single turned comma quotation mark ornament
- 2019 ’ RIGHT SINGLE QUOTATION MARK
= SINGLE COMMA QUOTATION MARK
• this is the preferred character to use for apostrophe
→ 0027 ' apostrophe
→ 02BC ’ modifier letter apostrophe
→ 275C ‘ heavy single comma quotation mark ornament
- 201A ‚ SINGLE LOW-9 QUOTATION MARK
= LOW SINGLE COMMA QUOTATION MARK
• used as opening single quotation mark in some languages
- 201B ˇ SINGLE HIGH-REVERSED-9 QUOTATION MARK
= SINGLE REVERSED COMMA QUOTATION MARK
• glyph variant of 2018 ‘
→ 02BD ˇ modifier letter reversed comma

- 2039 ‹ SINGLE LEFT-POINTING ANGLE QUOTATION MARK
= LEFT POINTING SINGLE GUILLEMET
• usually opening, sometimes closing
→ 003C ‹ less-than sign
→ 2329 ‹ left-pointing angle bracket
→ 3008 ‹ left angle bracket
- 203A › SINGLE RIGHT-POINTING ANGLE QUOTATION MARK
= RIGHT POINTING SINGLE GUILLEMET
• usually closing, sometimes opening
→ 003E › greater-than sign
→ 232A › right-pointing angle bracket
→ 3009 › right angle bracket
- 203B ※ REFERENCE MARK
= Japanese kome
= Urdu paragraph separator
→ 0FBF ※ tibetan ku ru kha bzhi mig can
- 203C !! DOUBLE EXCLAMATION MARK
→ 0021 ! exclamation mark
≈ 0021 ! 0021 !
- 203D ? INTERROBANG
→ 0021 ! exclamation mark
→ 003F ? question mark
- 203E ¯ OVERLINE
= SPACING OVERSCORE
≈ 0020  0305 
- 203F) UNDERTIE
= Greek enotikon
→ 2323 ~ smile
- 2040 ˆ CHARACTER TIE
= z notation sequence concatenation
→ 2322 ~ frown
- 2041 ˆ CARET INSERTION POINT
• proofreader's mark: insert here
→ 22CC ‹ right semidirect product
- 2042 ** ASTERISM
- 2043 - HYPHEN BULLET
- 2044 / FRACTION SLASH
= solidus (in typography)
• for composing arbitrary fractions
→ 002F / solidus
→ 2215 / division slash
- 2045 { LEFT SQUARE BRACKET WITH QUILL
- 2046 } RIGHT SQUARE BRACKET WITH QUILL



Double punctuation for vertical text

- 2047 ?? DOUBLE QUESTION MARK
≈ 003F ? 003F ?
- 2048 ?! QUESTION EXCLAMATION MARK
≈ 003F ? 0021 !
- 2049 !? EXCLAMATION QUESTION MARK
≈ 0021 ! 003F ?



General punctuation

- 204A ˆ TIRONIAN SIGN ET
• Irish Gaelic, ...
- 204B ¶ REVERSED PILCROW SIGN
→ 00B6 ¶ pilcrow sign
- 204C ◼ BLACK LEFTWARDS BULLET
- 204D ◼ BLACK RIGHTWARDS BULLET
- 204E * LOW ASTERISK
→ 002A * asterisk
- 204F ; REVERSED SEMICOLON
→ 003B ; semicolon
- 2050 ○ CLOSE UP
• editing mark
- 2051 * TWO ASTERISKS ALIGNED VERTICALLY
- 2052 % COMMERCIAL MINUS SIGN
= abzüglich (German), med avdrag av (Swedish), piska (Swedish, "whip")
• a common glyph variant and fallback representation looks like ./.
• may also be used as a dingbat to indicate correctness
• used in Finno-Ugric Phonetic Alphabet to indicate a related borrowed form with different sound
→ 0025 % percent sign
→ 066A % arabic percent sign
- 2053 ~ SWUNG DASH
- 2054) INVERTED UNDERTIE
- 2055  <reserved>
- 2056  <reserved>
- 2057 ‴ QUADRUPLE PRIME
≈ 2032 ' 2032 ' 2032 ' 2032 '



Space


- 205F  MEDIUM MATHEMATICAL SPACE
= MMSP
• four-eighths of an em
≈ 0020  space

Formatting character







- 2060  WORD JOINER
= WJ
• a zero width non-breaking space (only)
• intended for disambiguation of functions for byte order mark
→ FEFF  zero width no-break space

Invisible operators

- 2061  FUNCTION APPLICATION
• contiguity operator indicating application of a function
- 2062  INVISIBLE TIMES
• contiguity operator indicating multiplication

- 2063  INVISIBLE SEPARATOR
= invisible comma
- contiguity operator indicating that adjacent mathematical symbols form a list, e.g. when no visible comma is used between multiple indices

Deprecated

- 206A  INHIBIT SYMMETRIC SWAPPING
206B  ACTIVATE SYMMETRIC SWAPPING
206C  INHIBIT ARABIC FORM SHAPING
206D  ACTIVATE ARABIC FORM SHAPING
206E  NATIONAL DIGIT SHAPES
206F  NOMINAL DIGIT SHAPES