

## General Punctuation

### Range: 2000–206F

This file contains an excerpt from the character code tables and list of character names for *The Unicode Standard, Version 5.0*.

This file may be changed at any time without notice to reflect errata or other updates to the Unicode Standard. See <http://www.unicode.org/errata/> for an up-to-date list of errata.

See <http://www.unicode.org/charts/> for access to a complete list of the latest character code charts.  
See <http://www.unicode.org/charts/PDF/Unicode-5.0/> for charts showing only the characters added in Unicode 5.0.  
See <http://www.unicode.org/Public/5.0.0/charts/> for a complete archived file of character code charts for Unicode 5.0.

## Disclaimer

These charts are provided as the on-line reference to the character contents of the Unicode Standard, Version 5.0 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 file, please consult the appropriate sections of The Unicode Standard, Version 5.0 (ISBN 0-321-48091-0), online at <http://www.unicode.org/versions/Unicode5.0.0/>, as well as Unicode Standard Annexes #9, #11, #14, #15, #24, #29, #31, and #34, the other Unicode Technical Reports and Standards, and the Unicode Character Database, which are available on-line.

See <http://www.unicode.org/ucd/> 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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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	λ 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	* 2055	
6	 2006	 2016	••• 2026	” 2036	}] 2046	∴ 2056	
7	 2007	== 2017	• 2027	≡ 2037	?? 2047	≡ 2057	
8	 2008	‘ 2018	 2028	^ 2038	?! 2048	∴ 2058	
9	 2009	’ 2019	 2029	< 2039	!? 2049	∴ 2059	
A	 200A	, 201A	 202A	> 203A	7 204A	• 205A	 206A
B	 200B	‘ 201B	 202B	⊗ 203B	¶ 204B	∴ 205B	 206B
C	 200C	“ 201C	 202C	!! 203C	◐ 204C	⦿ 205C	 206C
D	 200D	” 201D	 202D	‡ 203D	◑ 204D	∴ 205D	 206D
E	 200E	” 201E	 202E	— 203E	* 204E	∴ 205E	 206E
F	 200F	“ 201F	 202F	⤿ 203F	• 204F	 205F	 206F

For additional general punctuation characters see also *Basic Latin, Latin-1, Supplemental Punctuation and CJK Symbols and Punctuation*.

## 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  
• commonly abbreviated ZWSP  
• this character is intended for line break control; it has no width, but its presence between two characters does not prevent increased letter spacing in justification

## Format characters

- 200C  ZERO WIDTH NON-JOINER  
• commonly abbreviated ZWNJ
- 200D  ZERO WIDTH JOINER  
• commonly abbreviated ZWJ
- 200E  LEFT-TO-RIGHT MARK  
• commonly abbreviated LRM
- 200F  RIGHT-TO-LEFT MARK  
• commonly abbreviated 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 ー 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 character (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 ` SINGLE HIGH-REVERSED-9 QUOTATION MARK  
= single reversed comma quotation mark  
• has same semantic as 2018 ` , but differs in appearance  
→ 02BD ˘ modifier letter reversed comma
- 201C “ LEFT DOUBLE QUOTATION MARK  
= double turned comma quotation mark  
• this is the preferred character (as opposed to 201F “ )  
→ 0022 " quotation mark  
→ 275D ◌ heavy double turned comma quotation mark ornament  
→ 301D 〃 reversed double prime quotation mark

- 201D " RIGHT DOUBLE QUOTATION MARK  
= double comma quotation mark  
→ 0022 " quotation mark  
→ 2033 " double prime  
→ 275E " heavy double comma quotation mark ornament  
→ 301E " double prime quotation mark
- 201E „ DOUBLE LOW-9 QUOTATION MARK  
= low double comma quotation mark  
• used as opening double quotation mark in some languages  
→ 301F „ low double prime quotation mark
- 201F “ DOUBLE HIGH-REVERSED-9 QUOTATION MARK  
= double reversed comma quotation mark  
• has same semantic as 201C “, but differs in appearance
- 2020 † DAGGER  
= obelisk, obelus, long cross
- 2021 ‡ DOUBLE DAGGER  
= diesis, double obelisk
- 2022 • BULLET  
= black small circle  
→ 00B7 • middle dot  
→ 2024 . one dot leader  
→ 2219 • bullet operator  
→ 25D8 ◻ inverse bullet  
→ 25E6 ◦ white bullet
- 2023 ▶ TRIANGULAR BULLET  
→ 220E ■ end of proof  
→ 25B8 ▶ black right-pointing small triangle
- 2024 . ONE DOT LEADER  
• also used as an Armenian semicolon (mijaket)  
→ 00B7 • middle dot  
→ 2022 • bullet  
→ 2219 • bullet operator  
≈ 002E . full stop
- 2025 .. TWO DOT LEADER  
≈ 002E . 002E .
- 2026 ... HORIZONTAL ELLIPSIS  
= three dot leader  
→ 22EE ∴ vertical ellipsis  
→ FE19 ∴ presentation form for vertical horizontal ellipsis  
≈ 002E . 002E . 002E .
- 2027 · HYPHENATION POINT

### Format characters

- 2028 [SEP] LINE SEPARATOR  
• may be used to represent this semantic unambiguously
- 2029 [PSEP] PARAGRAPH SEPARATOR  
• may be used to represent this semantic unambiguously
- 202A [LRE] LEFT-TO-RIGHT EMBEDDING  
• commonly abbreviated LRE
- 202B [RLE] RIGHT-TO-LEFT EMBEDDING  
• commonly abbreviated RLE
- 202C [PDF] POP DIRECTIONAL FORMATTING  
• commonly abbreviated PDF
- 202D [LRO] LEFT-TO-RIGHT OVERRIDE  
• commonly abbreviated LRO
- 202E [RLO] RIGHT-TO-LEFT OVERRIDE  
• commonly abbreviated RLO

- 202F [NNB] [SP] NARROW NO-BREAK SPACE  
• commonly abbreviated NNBS  
→ 00A0 [NB] [SP] no-break space  
≈ <noBreak> 0020 [SP]

### General punctuation

- 2030 ‰ PER MILLE SIGN  
= permille, per thousand  
• used, for example, in measures of blood alcohol content, salinity, etc.  
→ 0025 ‰ percent sign
- 2031 ‰ PER TEN THOUSAND SIGN  
= permyriad  
• percent of a percent, rarely used  
→ 0025 ‰ percent sign
- 2032 ′ PRIME  
= minutes, feet  
→ 0027 ′ apostrophe  
→ 00B4 ′ acute accent  
→ 02B9 ′ modifier letter prime
- 2033 ″ DOUBLE PRIME  
= seconds, inches  
→ 0022 ″ quotation mark  
→ 02BA ″ modifier letter double prime  
→ 201D ″ right double quotation mark  
→ 3003 ″ ditto mark  
→ 301E ″ double prime quotation mark  
≈ 2032 ′ 2032 ′
- 2034 ‴ TRIPLE PRIME  
= lines (old measure, 1/12 of an inch)  
≈ 2032 ′ 2032 ′ 2032 ′
- 2035 ‵ REVERSED PRIME  
→ 0060 ‵ grave accent
- 2036 ‶ REVERSED DOUBLE PRIME  
→ 301D ‶ reversed double prime quotation mark  
≈ 2035 ‵ 2035 ‵
- 2037 ‷ REVERSED TRIPLE PRIME  
≈ 2035 ‵ 2035 ‵ 2035 ‵
- 2038 ^ CARET  
→ 2303 ^ up arrowhead
- 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  
→ 200AD ※ cjk unified ideograph-200AD
- Double punctuation for vertical text**
- 203C !! DOUBLE EXCLAMATION MARK  
→ 0021 ! exclamation mark  
≈ 0021 ! 0021 !

**General punctuation**

- 203D  INTERROBANG  
→ 0021 ! exclamation mark  
→ 003F ? question mark
- 203E  OVERLINE  
= spacing overscore  
≈ 0020  0305 ○
- 203F  UNDERTIE  
= Greek enotikon  
→ 2323 ~ smile
- 2040  CHARACTER TIE  
= z notation sequence concatenation  
→ 2322 ~ frown
- 2041  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  TIRONIAN SIGN ET  
• Irish Gaelic, Old English, ...  
→ 0026 & ampersand
- 204B  REVERSED PILCROW SIGN  
→ 00B6 ¶ pilcrow sign
- 204C  BLACK LEFTWARDS BULLET
- 204D  BLACK RIGHTWARDS BULLET
- 204E  LOW ASTERISK  
→ 002A \* asterisk  
→ 0359 ◌ combining asterisk below
- 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  
→ 007E ~ tilde
- 2054  INVERTED UNDERTIE

- 2055  \* FLOWER PUNCTUATION MARK  
= phul, puspika  
• used as a punctuation mark with Syloti Nagri, Bengali and other Indic scripts  
→ 274B \* heavy eight teardrop-spoked propeller asterisk

**Archaic punctuation**

- 2056  ∴ THREE DOT PUNCTUATION

**General punctuation**

- 2057  QUADRUPLE PRIME  
≈ 2032 ' 2032 ' 2032 ' 2032 '

**Archaic punctuation**

- 2058  ∷ FOUR DOT PUNCTUATION
- 2059  ∴ FIVE DOT PUNCTUATION  
= Greek pentonkion  
= quincunx  
→ 2684 ☒ die face-5
- 205A  ∴ TWO DOT PUNCTUATION  
• historically used to indicate the end of a sentence or change of speaker  
• extends from baseline to cap height  
→ FE30 ∴ presentation form for vertical two dot leader  
→ 1015B ∴ greek acrophonic epidaurean two
- 205B  ∴ FOUR DOT MARK  
• used by scribes in the margin as highlighter mark  
• this is centered on the line, but extends beyond top and bottom of the line
- 205C  ⦿ DOTTED CROSS  
• used by scribes in the margin as highlighter mark
- 205D  ∴ TRICOLON  
= Epidaurean acrophonic symbol three  
→ 22EE ∴ vertical ellipsis  
→ 2AF6 ∴ triple colon operator  
→ FE19 ∴ presentation form for vertical horizontal ellipsis
- 205E  ∴ VERTICAL FOUR DOTS  
• used in dictionaries to indicate legal but undesirable word break  
• glyph extends the whole height of the line

**Space**

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

**Format character**

- 2060  WORD JOINER  
• commonly abbreviated 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