General Punctuation
Range: 2000–206F

The Unicode Standard, Version 5.1
This file contains an excerpt from the character code tables and list of character names for
The Unicode Standard, Version 5.1.

Characters in this chart that are new for The Unicode Standard, Version 5.1 are shown in conjunction with any existing
characters. For ease of reference, the new characters have been highlighted in the chart grid and in the names list.

This file will not be updated with errata, or when additional characters are assigned 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-5.1/ for charts showing only the characters added in Unicode 5.1.
See http://www.unicode.org/Public/5.1.0/charts/ for a complete archived file of character code charts for Unicode 5.1.

Disclaimer
These charts are provided as the online reference to the character contents of the Unicode Standard, Version 5.1 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, #34, #38, #41, #42, and #44, the other Unicode Technical
Reports and Standards, and the Unicode Character Database, which are available online.

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
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<table>
<thead>
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For additional general punctuation characters see also Basic Latin, Latin-1, Supplemental Punctuation and CJK Symbols and Punctuation.

Spaces

2000 \[EN QUAD\]
   \[= 0200 \[en space\]
2001 \[EM QUAD\]
   \[= mutton quad\]
   \[= 0203 \[em space\]
2002 \[EN SPACE\]
   \[= nut\]
   \[half an em\]
   \[\approx 0020 \[space\]
2003 \[EM SPACE\]
   \[= mutton\]
   \[nominally, a space equal to the type size in points\]
   \[may scale by the condensation factor of a font\]
   \[\approx 0020 \[space\]
2004 \[THREE-PER-EM SPACE\]
   \[= thick space\]
   \[\approx 0020 \[space\]
2005 \[FOUR-PER-EM SPACE\]
   \[= mid space\]
   \[\approx 0020 \[space\]
2006 \[SIX-PER-EM SPACE\]
   \[in computer typography sometimes equated to thin space\]
   \[\approx 0020 \[space\]
2007 \[FIGURE SPACE\]
   \[space equal to tabular width of a font\]
   \[this is equivalent to the digit width of fonts with fixed-width digits\]
   \[\approx \langle noBreak \rangle \[0020 \[space\]
2008 \[PUNCTUATION SPACE\]
   \[space equal to narrow punctuation of a font\]
   \[\approx 0020 \[space\]
2009 \[THIN SPACE\]
   \[a fifth of an em (or sometimes a sixth)\]
   \[\to 027F \[narrow no-break space\]
   \[\approx 0020 \[space\]
200A \[HAIR SPACE\]
   \[thinner than a thin space\]
   \[in traditional typography, the thinnest space available\]
   \[\approx 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 \[hyphen-minus\]
   \[\to 00AD \[soft hyphen\]
2011 \[NON-BREAKING HYPHEN\]
   \[002D \[hyphen-minus\]
   \[\to 00AD \[soft hyphen\]
   \[\approx \langle noBreak \rangle \[2010 -\]
2012 \[FIGURE DASH\]
2013 \[EN DASH\]
2014 \[EM DASH\]
   \[may be used in pairs to offset parenthetical text\]
   \[\to 30FC \[katakana-hiragana prolonged sound mark\]
2015 \[HORIZONTAL BAR\]
   \[quotation dash\]
   \[long dash introducing quoted text\]

General punctuation

2016 \[DOUBLE VERTICAL LINE\]
   \[used in pairs to indicate norm of a matrix\]
   \[\to 20E6 \[combining double vertical stroke overlay\]
   \[\to 2225 \[parallel to\]
2017 \[DOUBLE LOW LINE\]
   \[this is a spacing character\]
   \[\to 005F \[low line\]
   \[\to 0333 \[combining double low line\]
   \[\approx 0020 \[space\]
2018 \[LEFT SINGLE QUOTATION MARK\]
   \[single turned comma quotation mark\]
   \[this is the preferred character (as opposed to 201B ‘)\]
   \[\to 0027 \[apostrophe\]
   \[\to 02BB \[modifier letter turned comma\]
   \[\to 275B \[heavy single turned comma quotation mark ornament\]
2019 \[RIGHT SINGLE QUOTATION MARK\]
   \[single comma quotation mark\]
   \[this is the preferred character to use for apostrophe\]
   \[\to 0027 \[apostrophe\]
   \[\to 02BC \[modifier letter apostrophe\]
   \[\to 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 \[SINGLE HIGH-REVERSED-9 QUOTATION MARK\]
   \[single reversed comma quotation mark\]
   \[has same semantic as 201B ‘, but differs in appearance\]
   \[\to 02BD \[modifier letter reversed comma\]
201C “
= 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 ”
= 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 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
= small black 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 Í presentation form for vertical horizontal ellipsis
≈ 002E . 002E . 002E .
2027 • HYPHENATION POINT

General punctuation
2030 ° PER MILLE SIGN
= per mille, per thousand
• used, for example, in measures of blood alcohol content, salinity, etc.
→ 0025 % percent sign
→ 0609 ‱ arabic-indic per mille sign
2031 ‰ PER TEN THOUSAND SIGN
= permyriad
• percent of a percent, rarely used
→ 0025 ‰ percent sign
→ 060A ‰ arabic-indic per ten thousand 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
→ A788 ‡ modifier letter low circumflex accent
Double punctuation for vertical text

General punctuation

Archaic punctuation

Double punctuation for vertical text
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-eighteenths 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

2064  INVISIBLE PLUS
  • contiguity operator indicating addition

Deprecation
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