

| DIGIT ZERO uni0030 | 0 | 0 |
|-----------------------------------|-----|---|
| DIGIT ONE uni0031 | 1 | 1 |
| DIGIT TWO uni0032 | 2 | 2 |
| DIGIT THREE uni0033 | 3 | 3 |
| DIGIT FOUR uni0034 | 4 | 4 |
| DIGIT FIVE uni0035 | 5 | 5 |
| DIGIT SIX uni0036 | 6 | 6 |
| | | |
| DIGIT SEVEN uni0037 | 7 | 7 |
| DIGIT EIGHT uni0038 | 8 | 8 |
| DIGIT NINE uni0039 | 9 | 9 |
| COLON uni003A | : | : |
| SEMICOLON uni003B | , | • |
| LESS-THAN SIGN uni003C | < | < |
| EQUALS SIGN uni003D | = | = |
| GREATER-THAN SIGN uni003E | > | > |
| QUESTION MARK uni003F | ? | ? |
| COMMERCIAL AT uni0040 | (a) | @ |
| LATIN CAPITAL LETTER A uni0041 | Α | A |
| LATIN CAPITAL LETTER B uni0042 | В | В |
| LATIN CAPITAL LETTER C uni0043 | С | С |
| LATIN CAPITAL LETTER D uni0044 | D | D |
| LATIN CAPITAL LETTER E uni0045 | Е | Е |
| | | |
| LATIN CAPITAL LETTER F uni0046 | F | F |
| LATIN CAPITAL LETTER G uni0047 | G | G |
| LATIN CAPITAL LETTER H uni0048 | Н | Н |
| LATIN CAPITAL LETTER I uni0049 | | 1 |
| LATIN CAPITAL LETTER J uni004A | J | J |
| | | |

| LATIN CAPITAL LETTER K uni004B | K | K |
|-----------------------------------|---|---|
| LATIN CAPITAL LETTER L uni004C | L | L |
| LATIN CAPITAL LETTER M uni004D | M | M |
| LATIN CAPITAL LETTER N uni004E | Ν | N |
| LATIN CAPITAL LETTER O uni004F | 0 | О |
| LATIN CAPITAL LETTER P uni0050 | Р | P |
| LATIN CAPITAL LETTER Q uni0051 | Q | Q |
| LATIN CAPITAL LETTER R uni0052 | R | R |
| LATIN CAPITAL LETTER S uni0053 | S | S |
| LATIN CAPITAL LETTER T uni0054 | Т | T |
| LATIN CAPITAL LETTER U uni0055 | U | u |
| LATIN CAPITAL LETTER V uni0056 | V | V |
| LATIN CAPITAL LETTER W uni0057 | W | W |
| LATIN CAPITAL LETTER X uni0058 | X | Χ |
| LATIN CAPITAL LETTER Y uni0059 | Y | Y |
| LATIN CAPITAL LETTER Z uni005A | Z | Z |
| LEFT SQUARE BRACKET uni005B | [| [|
| REVERSE SOLIDUS uni005C | \ | \ |
| RIGHT SQUARE BRACKET uni005D |] |] |
| CIRCUMFLEX ACCENT uni005E | ^ | ^ |
| LOW LINE uni005F | _ | _ |
| GRAVE ACCENT uni0060 | ` | ` |
| LATIN SMALL LETTER A uni0061 | а | a |
| LATIN SMALL LETTER B uni0062 | b | b |
| LATIN SMALL LETTER C uni0063 | С | С |
| LATIN SMALL LETTER D uni0064 | d | d |
| LATIN SMALL LETTER E uni0065 | е | е |
| LATIN SMALL LETTER F uni0066 | f | f |

| LATIN SMALL LETTER G uni0067 | g | g |
|-----------------------------------|---|---|
| LATIN SMALL LETTER H uni0068 | h | h |
| LATIN SMALL LETTER I uni0069 | i | i |
| LATIN SMALL LETTER J uni006A | j | j |
| LATIN SMALL LETTER K uni006B | k | k |
| LATIN SMALL LETTER L uni006C | | 1 |
| LATIN SMALL LETTER M uni006D | m | m |
| LATIN SMALL LETTER N uni006E | n | n |
| LATIN SMALL LETTER O uni006F | 0 | O |
| LATIN SMALL LETTER P uni0070 | р | p |
| LATIN SMALL LETTER Q uni0071 | q | q |
| LATIN SMALL LETTER R uni0072 | r | r |
| LATIN SMALL LETTER S uni0073 | S | S |
| LATIN SMALL LETTER T uni0074 | t | t |
| LATIN SMALL LETTER U uni0075 | U | u |
| LATIN SMALL LETTER V uni0076 | V | ν |
| LATIN SMALL LETTER W uni0077 | W | W |
| LATIN SMALL LETTER X uni0078 | X | X |
| LATIN SMALL LETTER Y uni0079 | У | у |
| LATIN SMALL LETTER Z uni007A | Z | Z |
| LEFT CURLY BRACKET uni007B | { | { |
| VERTICAL LINE uni007C | | |
| RIGHT CURLY BRACKET uni007D | } | } |
| TILDE uni007E | ~ | ~ |
| NO-BREAK SPACE uni00A0 | | |
| INVERTED EXCLAMATION MARK uni00A1 | i | i |
| CENT SIGN uni00A2 | ¢ | ¢ |
| | | |

POUND SIGN

| uni00A3 | £ | £ |
|--|----------|-----------------|
| CURRENCY SIGN uni00A4 | ¤ | ¤ |
| YEN SIGN uni00A5 | ¥ | ¥ |
| BROKEN BAR uni00A6 | 1 | l I |
| SECTION SIGN uni00A7 | § | § |
| DIAERESIS uni00A8 | | ** |
| COPYRIGHT SIGN uni00A9 | © | © |
| FEMININE ORDINAL INDICATOR uni00AA | <u>a</u> | a |
| LEFT-POINTING DOUBLE ANGLE QUOTATION MARK uni00AB | << | « |
| NOT SIGN uni00AC | \neg | _ |
| SOFT HYPHEN uni00AD | | |
| REGISTERED SIGN uni00AE | R | R |
| MACRON uni00AF | - | - |
| DEGREE SIGN uni00B0 | 0 | 0 |
| | | |
| PLUS-MINUS SIGN uni00B1 | ± | <u>+</u> |
| SUPERSCRIPT TWO uni00B2 | 2 | 2 |
| SUPERSCRIPT THREE uni00B3 | 3 | 3 |
| ACUTE ACCENT uni00B4 | / | , |
| MICRO SIGN uni00B5 | μ | μ |
| PILCROW SIGN uni00B6 | 1 | q |
| MIDDLE DOT uni00B7 | | |
| CEDILLA uni00B8 | ٦ | , |
| SUPERSCRIPT ONE uni00B9 | 1 | 1 |
| MASCULINE ORDINAL INDICATOR uni00BA | 0 | 0 |
| RIGHT-POINTING DOUBLE ANGLE QUOTATION MARK uni00BB | >> | >> |
| VULGAR FRACTION ONE QUARTER uni00BC | 1/4 | 1/4 |
| VULGAR FRACTION ONE HALF uni00BD | 1/2 | 1/2 |

| | 3/4 | 3/4 |
|--|-----|-----|
| VULGAR FRACTION THREE QUARTERS uni00BE | | |
| INVERTED QUESTION MARK uni00BF | خ | į |
| LATIN CAPITAL LETTER A WITH GRAVE uni00C0 | À | À |
| LATIN CAPITAL LETTER A WITH ACUTE uni00C1 | Á | Á |
| LATIN CAPITAL LETTER A WITH CIRCUMFLEX uni00C2 | Â | Â |
| LATIN CAPITAL LETTER A WITH TILDE uni00C3 | Ã | Ã |
| LATIN CAPITAL LETTER A WITH DIAERESIS uni00C4 | Ä | Ä |
| LATIN CAPITAL LETTER A WITH RING ABOVE uni00C5 | Å | Å |
| LATIN CAPITAL LETTER AE uni00C6 | Æ | Æ |
| LATIN CAPITAL LETTER C WITH CEDILLA uni00C7 | Ç | Ç |
| LATIN CAPITAL LETTER E WITH GRAVE uni00C8 | È | È |
| LATIN CAPITAL LETTER E WITH ACUTE uni00C9 | É | É |
| LATIN CAPITAL LETTER E WITH CIRCUMFLEX uni00CA | Ê | Ê |
| LATIN CAPITAL LETTER E WITH DIAERESIS uni00CB | Ë | Ë |
| LATIN CAPITAL LETTER I WITH GRAVE uni00CC | Ì | Ì |
| LATIN CAPITAL LETTER I WITH ACUTE uni00CD | ĺ | ĺ |
| LATIN CAPITAL LETTER I WITH CIRCUMFLEX uni00CE | Î | Î |
| LATIN CAPITAL LETTER I WITH DIAERESIS uni00CF | Ϊ | Ï |
| LATIN CAPITAL LETTER ETH uni00D0 | Đ | Đ |
| LATIN CAPITAL LETTER N WITH TILDE uni00D1 | Ñ | Ñ |
| LATIN CAPITAL LETTER O WITH GRAVE uni00D2 | Ò | Ò |
| LATIN CAPITAL LETTER O WITH ACUTE uni00D3 | Ó | Ó |
| LATIN CAPITAL LETTER O WITH CIRCUMFLEX uni00D4 | Ô | Ô |
| LATIN CAPITAL LETTER O WITH TILDE uni00D5 | Õ | Õ |
| LATIN CAPITAL LETTER O WITH DIAERESIS uni00D6 | Ö | Ö |
| MULTIPLICATION SIGN uni00D7 | × | × |
| LATIN CAPITAL LETTER O WITH STROKE uni00D8 | Ø | Ø |
| LATIN CAPITAL LETTER U WITH GRAVE | | |

| uni00D9 | Ù | Ù |
|---|-------------------|--------------------------------------|
| LATIN CAPITAL LETTER U WITH ACUTE uni00DA | Ú | Ú |
| LATIN CAPITAL LETTER U WITH CIRCUMFLEX uni00DB | Û | Û |
| LATIN CAPITAL LETTER U WITH DIAERESIS uni00DC | Ü | Ü |
| LATIN CAPITAL LETTER Y WITH ACUTE uni00DD | Ý | Ý |
| LATIN CAPITAL LETTER THORN uni00DE | Þ | Þ |
| LATIN SMALL LETTER SHARP S uni00DF | ß | ß |
| LATIN SMALL LETTER A WITH GRAVE uni00E0 | à | à |
| LATIN SMALL LETTER A WITH ACUTE uni00E1 | á | á |
| LATIN SMALL LETTER A WITH CIRCUMFLEX uni00E2 | â | â |
| LATIN SMALL LETTER A WITH TILDE uni00E3 | ã | ã |
| LATIN SMALL LETTER A WITH DIAERESIS uni00E4 | ä | ä |
| LATIN SMALL LETTER A WITH RING ABOVE uni00E5 | å | å |
| LATIN SMALL LETTER AE uni00E6 | æ | æ |
| LATIN SMALL LETTER C WITH CEDILLA uni00E7 | Ç | Ç |
| | | |
| LATIN SMALL LETTER E WITH GRAVE uni00E8 | è | è |
| | è | é |
| uni00E8 LATIN SMALL LETTER E WITH ACUTE | | é |
| uni00E8 LATIN SMALL LETTER E WITH ACUTE uni00E9 LATIN SMALL LETTER E WITH CIRCUMFLEX | é | é ê ë |
| uni00E8 LATIN SMALL LETTER E WITH ACUTE uni00E9 LATIN SMALL LETTER E WITH CIRCUMFLEX uni00EA LATIN SMALL LETTER E WITH DIAERESIS | é | é ê ë ì |
| uni00E8 LATIN SMALL LETTER E WITH ACUTE uni00E9 LATIN SMALL LETTER E WITH CIRCUMFLEX uni00EA LATIN SMALL LETTER E WITH DIAERESIS uni00EB LATIN SMALL LETTER I WITH GRAVE | é | é ê ë ì |
| LATIN SMALL LETTER E WITH ACUTE uni00E9 LATIN SMALL LETTER E WITH CIRCUMFLEX uni00EA LATIN SMALL LETTER E WITH DIAERESIS uni00EB LATIN SMALL LETTER I WITH GRAVE uni00EC LATIN SMALL LETTER I WITH ACUTE | é | é ê ë ì |
| uni00E8 LATIN SMALL LETTER E WITH ACUTE uni00E9 LATIN SMALL LETTER E WITH CIRCUMFLEX uni00EA LATIN SMALL LETTER E WITH DIAERESIS uni00EB LATIN SMALL LETTER I WITH GRAVE uni00EC LATIN SMALL LETTER I WITH ACUTE uni00ED LATIN SMALL LETTER I WITH CIRCUMFLEX | é | é é ë ì í î ï |
| UNIOUE8 LATIN SMALL LETTER E WITH ACUTE UNIOUE9 LATIN SMALL LETTER E WITH CIRCUMFLEX UNIOUEA LATIN SMALL LETTER E WITH DIAERESIS UNIOUEB LATIN SMALL LETTER I WITH GRAVE UNIOUEC LATIN SMALL LETTER I WITH ACUTE UNIOUED LATIN SMALL LETTER I WITH CIRCUMFLEX UNIOUEE LATIN SMALL LETTER I WITH DIAERESIS | é | é é ë i í í i ð |
| LATIN SMALL LETTER E WITH ACUTE UNIO0E9 LATIN SMALL LETTER E WITH CIRCUMFLEX UNIO0EA LATIN SMALL LETTER E WITH DIAERESIS UNIO0EB LATIN SMALL LETTER I WITH GRAVE UNIO0EC LATIN SMALL LETTER I WITH ACUTE UNIO0ED LATIN SMALL LETTER I WITH CIRCUMFLEX UNIO0EE LATIN SMALL LETTER I WITH DIAERESIS UNIO0EF LATIN SMALL LETTER I WITH DIAERESIS UNIO0EF | é ê ë ` ´ · · · | é ê ë ì í î ã ñ |
| UNIOUE8 LATIN SMALL LETTER E WITH ACUTE UNIOUE9 LATIN SMALL LETTER E WITH CIRCUMFLEX UNIOUEA LATIN SMALL LETTER E WITH DIAERESIS UNIOUEB LATIN SMALL LETTER I WITH GRAVE UNIOUEC LATIN SMALL LETTER I WITH ACUTE UNIOUED LATIN SMALL LETTER I WITH CIRCUMFLEX UNIOUEE LATIN SMALL LETTER I WITH DIAERESIS UNIOUEF LATIN SMALL LETTER I WITH DIAERESIS UNIOUEF LATIN SMALL LETTER ETH UNIOUFO | é ê ë ì í î ö ñ ò | é é ë i í í í ñ ð ñ ò |
| UNIODE8 LATIN SMALL LETTER E WITH ACUTE UNIODE9 LATIN SMALL LETTER E WITH CIRCUMFLEX UNIODEA LATIN SMALL LETTER E WITH DIAERESIS UNIODEB LATIN SMALL LETTER I WITH GRAVE UNIODEC LATIN SMALL LETTER I WITH ACUTE UNIODED LATIN SMALL LETTER I WITH CIRCUMFLEX UNIODEE LATIN SMALL LETTER I WITH DIAERESIS UNIODEF LATIN SMALL LETTER I WITH DIAERESIS UNIODEF LATIN SMALL LETTER I WITH TILDE UNIODF1 LATIN SMALL LETTER N WITH TILDE UNIODF1 | é ê ë ì í î ñ ì | é ê ë ì í î ã ñ |

| LATIN SMALL LETTER O WITH TILDE uni00F5 | õ | õ |
|--|----|----|
| | Ö | Ö |
| LATIN SMALL LETTER O WITH DIAERESIS uni00F6 | | |
| DIVISION SIGN uni00F7 | ÷ | • |
| LATIN SMALL LETTER O WITH STROKE uni00F8 | Ø | Ø |
| LATIN SMALL LETTER U WITH GRAVE uni00F9 | ù | ù |
| LATIN SMALL LETTER U WITH ACUTE uni00FA | Ú | ú |
| | | |
| LATIN SMALL LETTER U WITH CIRCUMFLEX uni00FB | û | û |
| LATIN SMALL LETTER U WITH DIAERESIS uni00FC | Ü | ü |
| LATIN SMALL LETTER Y WITH ACUTE uni00FD | ý | ý |
| LATIN SMALL LETTER THORN uni00FE | þ | þ |
| LATIN SMALL LETTER Y WITH DIAERESIS uni00FF | ÿ | ÿ |
| LATIN SMALL LETTER DOTLESS I uni0131 | | 1 |
| LATIN CAPITAL LIGATURE OE uni0152 | Œ | Œ |
| LATIN SMALL LIGATURE OE uni0153 | œ | œ |
| MODIFIER LETTER CIRCUMFLEX ACCENT uni02C6 | ^ | ^ |
| RING ABOVE uni02DA | 0 | o |
| SMALL TILDE uni02DC | ~ | ~ |
| EN DASH uni2013 | - | _ |
| EM DASH uni2014 | _ | _ |
| LEFT SINGLE QUOTATION MARK uni2018 | 1 | 6 |
| RIGHT SINGLE QUOTATION MARK uni2019 | , | , |
| SINGLE LOW-9 QUOTATION MARK | | |
| uni201A LEFT DOUBLE QUOTATION MARK | 11 | , |
| uni201C RIGHT DOUBLE QUOTATION MARK | 11 | 77 |
| DOUBLE LOW-9 QUOTATION MARK | | |
| uni201E | " | 77 |
| BULLET uni2022 | • | • |















