**UTF-8 encoding table and Unicode characters**

**page with code points U+0000 to U+00FF**

|  |  |  |  |
| --- | --- | --- | --- |
| **Unicode code point** | **character** | **UTF-8 (hex.)** | **name** |
| U+0000 |  | 00 | <control> |
| U+0001 |  | 01 | <control> |
| U+0002 |  | 02 | <control> |
| U+0003 |  | 03 | <control> |
| U+0004 |  | 04 | <control> |
| U+0005 |  | 05 | <control> |
| U+0006 |  | 06 | <control> |
| U+0007 |  | 07 | <control> |
| U+0008 |  | 08 | <control> |
| U+0009 |  | 09 | <control> |
| U+000A |  | 0a | <control> |
| U+000B |  | 0b | <control> |
| U+000C |  | 0c | <control> |
| U+000D |  | 0d | <control> |
| U+000E |  | 0e | <control> |
| U+000F |  | 0f | <control> |
| U+0010 |  | 10 | <control> |
| U+0011 |  | 11 | <control> |
| U+0012 |  | 12 | <control> |
| U+0013 |  | 13 | <control> |
| U+0014 |  | 14 | <control> |
| U+0015 |  | 15 | <control> |
| U+0016 |  | 16 | <control> |
| U+0017 |  | 17 | <control> |
| U+0018 |  | 18 | <control> |
| U+0019 |  | 19 | <control> |
| U+001A |  | 1a | <control> |
| U+001B |  | 1b | <control> |
| U+001C |  | 1c | <control> |
| U+001D |  | 1d | <control> |
| U+001E |  | 1e | <control> |
| U+001F |  | 1f | <control> |
| U+0020 |  | 20 | SPACE |
| U+0021 | ! | 21 | EXCLAMATION MARK |
| U+0022 | " | 22 | QUOTATION MARK |
| U+0023 | # | 23 | NUMBER SIGN |
| U+0024 | $ | 24 | DOLLAR SIGN |
| U+0025 | % | 25 | PERCENT SIGN |
| U+0026 | & | 26 | AMPERSAND |
| U+0027 | ' | 27 | APOSTROPHE |
| U+0028 | ( | 28 | LEFT PARENTHESIS |
| U+0029 | ) | 29 | RIGHT PARENTHESIS |
| U+002A | \* | 2a | ASTERISK |
| U+002B | + | 2b | PLUS SIGN |
| U+002C | , | 2c | COMMA |
| U+002D | - | 2d | HYPHEN-MINUS |
| U+002E | . | 2e | FULL STOP |
| U+002F | / | 2f | SOLIDUS |
| U+0030 | 0 | 30 | DIGIT ZERO |
| U+0031 | 1 | 31 | DIGIT ONE |
| U+0032 | 2 | 32 | DIGIT TWO |
| U+0033 | 3 | 33 | DIGIT THREE |
| U+0034 | 4 | 34 | DIGIT FOUR |
| U+0035 | 5 | 35 | DIGIT FIVE |
| U+0036 | 6 | 36 | DIGIT SIX |
| U+0037 | 7 | 37 | DIGIT SEVEN |
| U+0038 | 8 | 38 | DIGIT EIGHT |
| U+0039 | 9 | 39 | DIGIT NINE |
| U+003A | : | 3a | COLON |
| U+003B | ; | 3b | SEMICOLON |
| U+003C | < | 3c | LESS-THAN SIGN |
| U+003D | = | 3d | EQUALS SIGN |
| U+003E | > | 3e | GREATER-THAN SIGN |
| U+003F | ? | 3f | QUESTION MARK |
| U+0040 | @ | 40 | COMMERCIAL AT |
| U+0041 | A | 41 | LATIN CAPITAL LETTER A |
| U+0042 | B | 42 | LATIN CAPITAL LETTER B |
| U+0043 | C | 43 | LATIN CAPITAL LETTER C |
| U+0044 | D | 44 | LATIN CAPITAL LETTER D |
| U+0045 | E | 45 | LATIN CAPITAL LETTER E |
| U+0046 | F | 46 | LATIN CAPITAL LETTER F |
| U+0047 | G | 47 | LATIN CAPITAL LETTER G |
| U+0048 | H | 48 | LATIN CAPITAL LETTER H |
| U+0049 | I | 49 | LATIN CAPITAL LETTER I |
| U+004A | J | 4a | LATIN CAPITAL LETTER J |
| U+004B | K | 4b | LATIN CAPITAL LETTER K |
| U+004C | L | 4c | LATIN CAPITAL LETTER L |
| U+004D | M | 4d | LATIN CAPITAL LETTER M |
| U+004E | N | 4e | LATIN CAPITAL LETTER N |
| U+004F | O | 4f | LATIN CAPITAL LETTER O |
| U+0050 | P | 50 | LATIN CAPITAL LETTER P |
| U+0051 | Q | 51 | LATIN CAPITAL LETTER Q |
| U+0052 | R | 52 | LATIN CAPITAL LETTER R |
| U+0053 | S | 53 | LATIN CAPITAL LETTER S |
| U+0054 | T | 54 | LATIN CAPITAL LETTER T |
| U+0055 | U | 55 | LATIN CAPITAL LETTER U |
| U+0056 | V | 56 | LATIN CAPITAL LETTER V |
| U+0057 | W | 57 | LATIN CAPITAL LETTER W |
| U+0058 | X | 58 | LATIN CAPITAL LETTER X |
| U+0059 | Y | 59 | LATIN CAPITAL LETTER Y |
| U+005A | Z | 5a | LATIN CAPITAL LETTER Z |
| U+005B | [ | 5b | LEFT SQUARE BRACKET |
| U+005C | \ | 5c | REVERSE SOLIDUS |
| U+005D | ] | 5d | RIGHT SQUARE BRACKET |
| U+005E | ^ | 5e | CIRCUMFLEX ACCENT |
| U+005F | \_ | 5f | LOW LINE |
| U+0060 | ` | 60 | GRAVE ACCENT |
| U+0061 | a | 61 | LATIN SMALL LETTER A |
| U+0062 | b | 62 | LATIN SMALL LETTER B |
| U+0063 | c | 63 | LATIN SMALL LETTER C |
| U+0064 | d | 64 | LATIN SMALL LETTER D |
| U+0065 | e | 65 | LATIN SMALL LETTER E |
| U+0066 | f | 66 | LATIN SMALL LETTER F |
| U+0067 | g | 67 | LATIN SMALL LETTER G |
| U+0068 | h | 68 | LATIN SMALL LETTER H |
| U+0069 | i | 69 | LATIN SMALL LETTER I |
| U+006A | j | 6a | LATIN SMALL LETTER J |
| U+006B | k | 6b | LATIN SMALL LETTER K |
| U+006C | l | 6c | LATIN SMALL LETTER L |
| U+006D | m | 6d | LATIN SMALL LETTER M |
| U+006E | n | 6e | LATIN SMALL LETTER N |
| U+006F | o | 6f | LATIN SMALL LETTER O |
| U+0070 | p | 70 | LATIN SMALL LETTER P |
| U+0071 | q | 71 | LATIN SMALL LETTER Q |
| U+0072 | r | 72 | LATIN SMALL LETTER R |
| U+0073 | s | 73 | LATIN SMALL LETTER S |
| U+0074 | t | 74 | LATIN SMALL LETTER T |
| U+0075 | u | 75 | LATIN SMALL LETTER U |
| U+0076 | v | 76 | LATIN SMALL LETTER V |
| U+0077 | w | 77 | LATIN SMALL LETTER W |
| U+0078 | x | 78 | LATIN SMALL LETTER X |
| U+0079 | y | 79 | LATIN SMALL LETTER Y |
| U+007A | z | 7a | LATIN SMALL LETTER Z |
| U+007B | { | 7b | LEFT CURLY BRACKET |
| U+007C | | | 7c | VERTICAL LINE |
| U+007D | } | 7d | RIGHT CURLY BRACKET |
| U+007E | ~ | 7e | TILDE |
| U+007F |  | 7f | <control> |
| U+0080 |  | c2 80 | <control> |
| U+0081 |  | c2 81 | <control> |
| U+0082 |  | c2 82 | <control> |
| U+0083 |  | c2 83 | <control> |
| U+0084 |  | c2 84 | <control> |
| U+0085 |  | c2 85 | <control> |
| U+0086 |  | c2 86 | <control> |
| U+0087 |  | c2 87 | <control> |
| U+0088 |  | c2 88 | <control> |
| U+0089 |  | c2 89 | <control> |
| U+008A |  | c2 8a | <control> |
| U+008B |  | c2 8b | <control> |
| U+008C |  | c2 8c | <control> |
| U+008D |  | c2 8d | <control> |
| U+008E |  | c2 8e | <control> |
| U+008F |  | c2 8f | <control> |
| U+0090 |  | c2 90 | <control> |
| U+0091 |  | c2 91 | <control> |
| U+0092 |  | c2 92 | <control> |
| U+0093 |  | c2 93 | <control> |
| U+0094 |  | c2 94 | <control> |
| U+0095 |  | c2 95 | <control> |
| U+0096 |  | c2 96 | <control> |
| U+0097 |  | c2 97 | <control> |
| U+0098 |  | c2 98 | <control> |
| U+0099 |  | c2 99 | <control> |
| U+009A |  | c2 9a | <control> |
| U+009B |  | c2 9b | <control> |
| U+009C |  | c2 9c | <control> |
| U+009D |  | c2 9d | <control> |
| U+009E |  | c2 9e | <control> |
| U+009F |  | c2 9f | <control> |
| U+00A0 |  | c2 a0 | NO-BREAK SPACE |
| U+00A1 | ¡ | c2 a1 | INVERTED EXCLAMATION MARK |
| U+00A2 | ¢ | c2 a2 | CENT SIGN |
| U+00A3 | £ | c2 a3 | POUND SIGN |
| U+00A4 | ¤ | c2 a4 | CURRENCY SIGN |
| U+00A5 | ¥ | c2 a5 | YEN SIGN |
| U+00A6 | ¦ | c2 a6 | BROKEN BAR |
| U+00A7 | § | c2 a7 | SECTION SIGN |
| U+00A8 | ¨ | c2 a8 | DIAERESIS |
| U+00A9 | © | c2 a9 | COPYRIGHT SIGN |
| U+00AA | ª | c2 aa | FEMININE ORDINAL INDICATOR |
| U+00AB | « | c2 ab | LEFT-POINTING DOUBLE ANGLE QUOTATION MARK |
| U+00AC | ¬ | c2 ac | NOT SIGN |
| U+00AD | ­ | c2 ad | SOFT HYPHEN |
| U+00AE | ® | c2 ae | REGISTERED SIGN |
| U+00AF | ¯ | c2 af | MACRON |
| U+00B0 | ° | c2 b0 | DEGREE SIGN |
| U+00B1 | ± | c2 b1 | PLUS-MINUS SIGN |
| U+00B2 | ² | c2 b2 | SUPERSCRIPT TWO |
| U+00B3 | ³ | c2 b3 | SUPERSCRIPT THREE |
| U+00B4 | ´ | c2 b4 | ACUTE ACCENT |
| U+00B5 | µ | c2 b5 | MICRO SIGN |
| U+00B6 | ¶ | c2 b6 | PILCROW SIGN |
| U+00B7 | · | c2 b7 | MIDDLE DOT |
| U+00B8 | ¸ | c2 b8 | CEDILLA |
| U+00B9 | ¹ | c2 b9 | SUPERSCRIPT ONE |
| U+00BA | º | c2 ba | MASCULINE ORDINAL INDICATOR |
| U+00BB | » | c2 bb | RIGHT-POINTING DOUBLE ANGLE QUOTATION MARK |
| U+00BC | ¼ | c2 bc | VULGAR FRACTION ONE QUARTER |
| U+00BD | ½ | c2 bd | VULGAR FRACTION ONE HALF |
| U+00BE | ¾ | c2 be | VULGAR FRACTION THREE QUARTERS |
| U+00BF | ¿ | c2 bf | INVERTED QUESTION MARK |
| U+00C0 | À | c3 80 | LATIN CAPITAL LETTER A WITH GRAVE |
| U+00C1 | Á | c3 81 | LATIN CAPITAL LETTER A WITH ACUTE |
| U+00C2 | Â | c3 82 | LATIN CAPITAL LETTER A WITH CIRCUMFLEX |
| U+00C3 | Ã | c3 83 | LATIN CAPITAL LETTER A WITH TILDE |
| U+00C4 | Ä | c3 84 | LATIN CAPITAL LETTER A WITH DIAERESIS |
| U+00C5 | Å | c3 85 | LATIN CAPITAL LETTER A WITH RING ABOVE |
| U+00C6 | Æ | c3 86 | LATIN CAPITAL LETTER AE |
| U+00C7 | Ç | c3 87 | LATIN CAPITAL LETTER C WITH CEDILLA |
| U+00C8 | È | c3 88 | LATIN CAPITAL LETTER E WITH GRAVE |
| U+00C9 | É | c3 89 | LATIN CAPITAL LETTER E WITH ACUTE |
| U+00CA | Ê | c3 8a | LATIN CAPITAL LETTER E WITH CIRCUMFLEX |
| U+00CB | Ë | c3 8b | LATIN CAPITAL LETTER E WITH DIAERESIS |
| U+00CC | Ì | c3 8c | LATIN CAPITAL LETTER I WITH GRAVE |
| U+00CD | Í | c3 8d | LATIN CAPITAL LETTER I WITH ACUTE |
| U+00CE | Î | c3 8e | LATIN CAPITAL LETTER I WITH CIRCUMFLEX |
| U+00CF | Ï | c3 8f | LATIN CAPITAL LETTER I WITH DIAERESIS |
| U+00D0 | Ð | c3 90 | LATIN CAPITAL LETTER ETH |
| U+00D1 | Ñ | c3 91 | LATIN CAPITAL LETTER N WITH TILDE |
| U+00D2 | Ò | c3 92 | LATIN CAPITAL LETTER O WITH GRAVE |
| U+00D3 | Ó | c3 93 | LATIN CAPITAL LETTER O WITH ACUTE |
| U+00D4 | Ô | c3 94 | LATIN CAPITAL LETTER O WITH CIRCUMFLEX |
| U+00D5 | Õ | c3 95 | LATIN CAPITAL LETTER O WITH TILDE |
| U+00D6 | Ö | c3 96 | LATIN CAPITAL LETTER O WITH DIAERESIS |
| U+00D7 | × | c3 97 | MULTIPLICATION SIGN |
| U+00D8 | Ø | c3 98 | LATIN CAPITAL LETTER O WITH STROKE |
| U+00D9 | Ù | c3 99 | LATIN CAPITAL LETTER U WITH GRAVE |
| U+00DA | Ú | c3 9a | LATIN CAPITAL LETTER U WITH ACUTE |
| U+00DB | Û | c3 9b | LATIN CAPITAL LETTER U WITH CIRCUMFLEX |
| U+00DC | Ü | c3 9c | LATIN CAPITAL LETTER U WITH DIAERESIS |
| U+00DD | Ý | c3 9d | LATIN CAPITAL LETTER Y WITH ACUTE |
| U+00DE | Þ | c3 9e | LATIN CAPITAL LETTER THORN |
| U+00DF | ß | c3 9f | LATIN SMALL LETTER SHARP S |
| U+00E0 | à | c3 a0 | LATIN SMALL LETTER A WITH GRAVE |
| U+00E1 | á | c3 a1 | LATIN SMALL LETTER A WITH ACUTE |
| U+00E2 | â | c3 a2 | LATIN SMALL LETTER A WITH CIRCUMFLEX |
| U+00E3 | ã | c3 a3 | LATIN SMALL LETTER A WITH TILDE |
| U+00E4 | ä | c3 a4 | LATIN SMALL LETTER A WITH DIAERESIS |
| U+00E5 | å | c3 a5 | LATIN SMALL LETTER A WITH RING ABOVE |
| U+00E6 | æ | c3 a6 | LATIN SMALL LETTER AE |
| U+00E7 | ç | c3 a7 | LATIN SMALL LETTER C WITH CEDILLA |
| U+00E8 | è | c3 a8 | LATIN SMALL LETTER E WITH GRAVE |
| U+00E9 | é | c3 a9 | LATIN SMALL LETTER E WITH ACUTE |
| U+00EA | ê | c3 aa | LATIN SMALL LETTER E WITH CIRCUMFLEX |
| U+00EB | ë | c3 ab | LATIN SMALL LETTER E WITH DIAERESIS |
| U+00EC | ì | c3 ac | LATIN SMALL LETTER I WITH GRAVE |
| U+00ED | í | c3 ad | LATIN SMALL LETTER I WITH ACUTE |
| U+00EE | î | c3 ae | LATIN SMALL LETTER I WITH CIRCUMFLEX |
| U+00EF | ï | c3 af | LATIN SMALL LETTER I WITH DIAERESIS |
| U+00F0 | ð | c3 b0 | LATIN SMALL LETTER ETH |
| U+00F1 | ñ | c3 b1 | LATIN SMALL LETTER N WITH TILDE |
| U+00F2 | ò | c3 b2 | LATIN SMALL LETTER O WITH GRAVE |
| U+00F3 | ó | c3 b3 | LATIN SMALL LETTER O WITH ACUTE |
| U+00F4 | ô | c3 b4 | LATIN SMALL LETTER O WITH CIRCUMFLEX |
| U+00F5 | õ | c3 b5 | LATIN SMALL LETTER O WITH TILDE |
| U+00F6 | ö | c3 b6 | LATIN SMALL LETTER O WITH DIAERESIS |
| U+00F7 | ÷ | c3 b7 | DIVISION SIGN |
| U+00F8 | ø | c3 b8 | LATIN SMALL LETTER O WITH STROKE |
| U+00F9 | ù | c3 b9 | LATIN SMALL LETTER U WITH GRAVE |
| U+00FA | ú | c3 ba | LATIN SMALL LETTER U WITH ACUTE |
| U+00FB | û | c3 bb | LATIN SMALL LETTER U WITH CIRCUMFLEX |
| U+00FC | ü | c3 bc | LATIN SMALL LETTER U WITH DIAERESIS |
| U+00FD | ý | c3 bd | LATIN SMALL LETTER Y WITH ACUTE |
| U+00FE | þ | c3 be | LATIN SMALL LETTER THORN |
| U+00FF | ÿ | c3 bf | LATIN SMALL LETTER Y WITH DIAERESIS |