

Fira Mono Bold

Technical Documentation

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|-----|-----|-----|----------------|----------------|-------------------------------|-----------|
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Encoded Characters

All encoded characters should be accessible with every unicode capable application.
For details about Unicode Blocks visit the [Unicode Website](#).

Basic Latin

Block from 0000 to 007F

| | | | | | | | | | | | | | | | |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 000D | 0020 | 0021 | 0022 | 0023 | 0024 | 0025 | 0026 | 0027 | 0028 | 0029 | 002A | 002B | 002C | 002D | 002E |
| | | ! | " | # | \$ | % | & | ' | (|) | * | + | , | - | . |
| 002F | 0030 | 0031 | 0032 | 0033 | 0034 | 0035 | 0036 | 0037 | 0038 | 0039 | 003A | 003B | 003C | 003D | 003E |
| / | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | : | ; | < | = | > |
| 003F | 0040 | 0041 | 0042 | 0043 | 0044 | 0045 | 0046 | 0047 | 0048 | 0049 | 004A | 004B | 004C | 004D | 004E |
| ? | @ | A | B | C | D | E | F | G | H | I | J | K | L | M | N |
| 004F | 0050 | 0051 | 0052 | 0053 | 0054 | 0055 | 0056 | 0057 | 0058 | 0059 | 005A | 005B | 005C | 005D | 005E |
| O | P | Q | R | S | T | U | V | W | X | Y | Z | [| \ |] | ^ |
| 005F | 0060 | 0061 | 0062 | 0063 | 0064 | 0065 | 0066 | 0067 | 0068 | 0069 | 006A | 006B | 006C | 006D | 006E |
| _ | ` | a | b | c | d | e | f | g | h | i | j | k | l | m | n |
| 006F | 0070 | 0071 | 0072 | 0073 | 0074 | 0075 | 0076 | 0077 | 0078 | 0079 | 007A | 007B | 007C | 007D | 007E |
| o | p | q | r | s | t | u | v | w | x | y | z | { | | } | ~ |

Latin-1 Supplement

Block from 0080 to 00FF

| | | | | | | | | | | | | | | | |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 00A0 | 00A1 | 00A2 | 00A3 | 00A4 | 00A5 | 00A6 | 00A7 | 00A8 | 00A9 | 00AA | 00AB | 00AC | 00AD | 00AE | 00AF |
| | ¡ | ¢ | £ | ¤ | ¥ | ¦ | § | ¨ | © | ª | « | ¬ | ­ | ® | ¯ |
| 00B0 | 00B1 | 00B2 | 00B3 | 00B4 | 00B5 | 00B6 | 00B7 | 00B8 | 00B9 | 00BA | 00BB | 00BC | 00BD | 00BE | 00BF |
| ° | ± | ² | ³ | ´ | µ | ¶ | · | ¸ | ¹ | º | » | ¼ | ½ | ¾ | ¿ |
| 00C0 | 00C1 | 00C2 | 00C3 | 00C4 | 00C5 | 00C6 | 00C7 | 00C8 | 00C9 | 00CA | 00CB | 00CC | 00CD | 00CE | 00CF |
| À | Á | Â | Ã | Ä | Å | Æ | Ç | È | É | Ê | Ë | Ì | Í | Î | Ï |
| 00D0 | 00D1 | 00D2 | 00D3 | 00D4 | 00D5 | 00D6 | 00D7 | 00D8 | 00D9 | 00DA | 00DB | 00DC | 00DD | 00DE | 00DF |
| Ð | Ñ | Ò | Ó | Ô | Õ | Ö | × | Ø | Ù | Ú | Û | Ü | Ý | Þ | ß |
| 00E0 | 00E1 | 00E2 | 00E3 | 00E4 | 00E5 | 00E6 | 00E7 | 00E8 | 00E9 | 00EA | 00EB | 00EC | 00ED | 00EE | 00EF |
| à | á | â | ã | ä | å | æ | ç | è | é | ê | ë | ì | í | î | ï |
| 00F0 | 00F1 | 00F2 | 00F3 | 00F4 | 00F5 | 00F6 | 00F7 | 00F8 | 00F9 | 00FA | 00FB | 00FC | 00FD | 00FE | 00FF |
| ð | ñ | ò | ó | ô | õ | ö | ÷ | ø | ù | ú | û | ü | ý | þ | ÿ |

Latin Extended-A

Block from 0100 to 017F

| | | | | | | | | | | | | | | | |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 0100 | 0101 | 0102 | 0103 | 0104 | 0105 | 0106 | 0107 | 0108 | 0109 | 010A | 010B | 010C | 010D | 010E | 010F |
| Ā ā | Ă ă | Ą ą | Ć ć | Ĉ ĉ | Ċ ċ | Č č | Ď ě | Đ đ | Ē ē | Ĕ ĕ | Ė ė | Ĝ ĝ | Ğ ğ | Ĥ ĥ | Ħ ħ |
| 0110 | 0111 | 0112 | 0113 | 0114 | 0115 | 0116 | 0117 | 0118 | 0119 | 011A | 011B | 011C | 011D | 011E | 011F |
| Đ đ | Ē ē | Ĕ ĕ | Ė ė | Ĝ ĝ | Ğ ğ | Ĥ ĥ | Ħ ħ | Ĩ ĩ | Ī ī | Ĵ ĵ | Ķ ķ | Ļ ļ | Ł ł | Ņ ņ | Ň ň |
| 0120 | 0121 | 0122 | 0123 | 0124 | 0125 | 0126 | 0127 | 0128 | 0129 | 012A | 012B | 012C | 012D | 012E | 012F |
| Ġ ġ | Ģ ģ | Ĥ ĥ | Ħ ħ | Ĩ ĩ | Ī ī | Ĵ ĵ | Ķ ķ | Ļ ļ | Ł ł | Ņ ņ | Ň ň | Ŋ ŋ | Ō ō | Ŏ ŏ | Ű ű |
| 0130 | 0131 | 0132 | 0133 | 0134 | 0135 | 0136 | 0137 | 0138 | 0139 | 013A | 013B | 013C | 013D | 013E | 013F |
| İ i | ı | Ų ų | Ŵ ŵ | Ŷ ŷ | Ž ž | Ɔ ɔ | Ǝ ɛ | Ǝ ɛ | Ǝ ɛ | Ǝ ɛ | Ǝ ɛ | Ǝ ɛ | Ǝ ɛ | Ǝ ɛ | Ǝ ɛ |
| 0140 | 0141 | 0142 | 0143 | 0144 | 0145 | 0146 | 0147 | 0148 | 0149 | 014A | 014B | 014C | 014D | 014E | 014F |
| Ǝ ɛ | Ǝ ɛ | Ǝ ɛ | Ǝ ɛ | Ǝ ɛ | Ǝ ɛ | Ǝ ɛ | Ǝ ɛ | Ǝ ɛ | Ǝ ɛ | Ǝ ɛ | Ǝ ɛ | Ǝ ɛ | Ǝ ɛ | Ǝ ɛ | Ǝ ɛ |
| 0150 | 0151 | 0152 | 0153 | 0154 | 0155 | 0156 | 0157 | 0158 | 0159 | 015A | 015B | 015C | 015D | 015E | 015F |
| Ŏ ŏ | Ű ű | Ų ų | Ŵ ŵ | Ŷ ŷ | Ž ž | Ɔ ɔ | Ǝ ɛ | Ǝ ɛ | Ǝ ɛ | Ǝ ɛ | Ǝ ɛ | Ǝ ɛ | Ǝ ɛ | Ǝ ɛ | Ǝ ɛ |
| 0160 | 0161 | 0162 | 0163 | 0164 | 0165 | 0166 | 0167 | 0168 | 0169 | 016A | 016B | 016C | 016D | 016E | 016F |
| Š š | Š š | Ť ť | Ŧ ŧ | Ţ ţ | Ŧ ŧ | Ŧ ŧ | Ŧ ŧ | Ŧ ŧ | Ŧ ŧ | Ŧ ŧ | Ŧ ŧ | Ŧ ŧ | Ŧ ŧ | Ŧ ŧ | Ŧ ŧ |
| 0170 | 0171 | 0172 | 0173 | 0174 | 0175 | 0176 | 0177 | 0178 | 0179 | 017A | 017B | 017C | 017D | 017E | 017F |
| Ů ů | Ů ů | Ů ů | Ů ů | Ů ů | Ů ů | Ů ů | Ů ů | Ů ů | Ů ů | Ů ů | Ů ů | Ů ů | Ů ů | Ů ů | Ů ů |

Latin Extended-B

Block from 0180 to 024F

| | | | | | | | | | |
|------|------|------|------|------|------|------|------|------|------|
| 0192 | 01FC | 01FD | 01FE | 01FF | 0218 | 0219 | 021A | 021B | 0237 |
| ƒ | Á | æ | Ø | ø | Ş | ş | Ț | ț | Ț |

Spacing Modifier Letters

Block from 02B0 to 02FF

| | | | | | | | | | | | |
|------|------|------|------|------|------|------|------|------|------|------|------|
| 02B9 | 02BA | 02BC | 02C6 | 02C7 | 02C9 | 02D8 | 02D9 | 02DA | 02DB | 02DC | 02DD |
| / | // | , | ^ | ˘ | - | ˘ | • | ◦ | | ~ | ” |
| | | | | | | | | | ◌ | | |

Combining Diacritical Marks

Block from 0300 to 036F

| | | | | | | | | | | | | | | | |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 0300 | 0301 | 0302 | 0303 | 0304 | 0306 | 0307 | 0308 | 030A | 030B | 030C | 030F | 0313 | 0314 | 0326 | 0327 |
| ◌ | ◌ | ◌ | ◌ | ◌ | ◌ | ◌ | ◌ | ◌ | ◌ | ◌ | ◌ | ◌ | ◌ | ◌ | ◌ |

0335 0336 0342 0345

Greek and Coptic

Block from 0370 to 03FF

| | | | | | | | | | | | | | | | |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 0370 | 0371 | 0372 | 0373 | 0374 | 0375 | 0376 | 0377 | 037A | 037B | 037C | 037D | 037E | 037F | 0384 | 0385 |
| Ⲑ | ⲑ | Ⲓ | ⲓ | Ⲕ | ⲕ | Ⲍ | ⲍ | Ⲏ | ⲏ | Ⲑ | ⲑ | Ⲓ | ⲓ | Ⲕ | ⲕ |
| 0386 | 0387 | 0388 | 0389 | 038A | 038C | 038E | 038F | 0390 | 0391 | 0392 | 0393 | 0394 | 0395 | 0396 | 0397 |
| Ⲗ | ⲗ | Ⲙ | ⲙ | Ⲏ | ⲏ | Ⲑ | ⲑ | Ⲓ | ⲓ | Ⲕ | ⲕ | Ⲍ | ⲍ | Ⲏ | ⲏ |
| 0398 | 0399 | 039A | 039B | 039C | 039D | 039E | 039F | 03A0 | 03A1 | 03A3 | 03A4 | 03A5 | 03A6 | 03A7 | 03A8 |
| Ⲑ | ⲑ | Ⲓ | ⲓ | Ⲕ | ⲕ | Ⲍ | ⲍ | Ⲏ | ⲏ | Ⲑ | ⲑ | Ⲓ | ⲓ | Ⲕ | ⲕ |
| 03A9 | 03AA | 03AB | 03AC | 03AD | 03AE | 03AF | 03B0 | 03B1 | 03B2 | 03B3 | 03B4 | 03B5 | 03B6 | 03B7 | 03B8 |
| ⲏ | Ⲑ | ⲑ | Ⲓ | ⲓ | Ⲕ | ⲕ | Ⲍ | ⲍ | Ⲏ | ⲏ | Ⲑ | ⲑ | Ⲓ | ⲓ | Ⲕ |
| 03B9 | 03BA | 03BB | 03BC | 03BD | 03BE | 03BF | 03C0 | 03C1 | 03C2 | 03C3 | 03C4 | 03C5 | 03C6 | 03C7 | 03C8 |
| ⲕ | Ⲍ | ⲍ | Ⲏ | ⲏ | Ⲑ | ⲑ | Ⲓ | ⲓ | Ⲕ | ⲕ | Ⲍ | ⲍ | Ⲏ | ⲏ | Ⲑ |
| 03C9 | 03CA | 03CB | 03CC | 03CD | 03CE | 03CF | 03D0 | 03D1 | 03D2 | 03D3 | 03D4 | 03D5 | 03D6 | 03D7 | 03D8 |
| Ⲑ | ⲑ | Ⲓ | ⲓ | Ⲕ | ⲕ | Ⲍ | ⲍ | Ⲏ | ⲏ | Ⲑ | ⲑ | Ⲓ | ⲓ | Ⲕ | ⲕ |
| 03D9 | 03DA | 03DB | 03DC | 03DD | 03DE | 03DF | 03E0 | 03E1 | 03F0 | 03F1 | 03F2 | 03F3 | 03F4 | 03F5 | 03F6 |
| ⲑ | Ⲓ | ⲓ | Ⲕ | ⲕ | Ⲍ | ⲍ | Ⲏ | ⲏ | Ⲑ | ⲑ | Ⲓ | ⲓ | Ⲕ | ⲕ | Ⲍ |
| 03F7 | 03F8 | 03F9 | 03FA | 03FB | 03FC | 03FD | 03FE | 03FF | | | | | | | |
| Ⲑ | ⲑ | Ⲓ | ⲓ | Ⲕ | ⲕ | Ⲍ | ⲍ | Ⲏ | ⲏ | Ⲑ | ⲑ | Ⲓ | ⲓ | Ⲕ | ⲕ |

Cyrillic

Block from 0400 to 04FF

| | | | | | | | | | | | | | | | |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 0400 | 0401 | 0402 | 0403 | 0404 | 0405 | 0406 | 0407 | 0408 | 0409 | 040A | 040B | 040C | 040D | 040E | 040F |
| Ё | Ё | Ђ | Ѓ | Є | Ѕ | І | Ї | Ј | Љ | Њ | Ћ | Ќ | Ў | Ѓ | Ѕ |
| 0410 | 0411 | 0412 | 0413 | 0414 | 0415 | 0416 | 0417 | 0418 | 0419 | 041A | 041B | 041C | 041D | 041E | 041F |
| А | Б | В | Г | Д | Е | Ж | З | И | Й | К | Л | М | Н | О | П |
| 0420 | 0421 | 0422 | 0423 | 0424 | 0425 | 0426 | 0427 | 0428 | 0429 | 042A | 042B | 042C | 042D | 042E | 042F |
| Р | С | Т | У | Ф | Х | Ц | Ч | Ш | Щ | Ъ | Ы | Ь | Э | Ю | Я |
| 0430 | 0431 | 0432 | 0433 | 0434 | 0435 | 0436 | 0437 | 0438 | 0439 | 043A | 043B | 043C | 043D | 043E | 043F |
| а | б | в | г | д | е | ж | з | и | й | к | л | м | н | о | п |
| 0440 | 0441 | 0442 | 0443 | 0444 | 0445 | 0446 | 0447 | 0448 | 0449 | 044A | 044B | 044C | 044D | 044E | 044F |
| р | с | т | у | ф | х | ц | ч | ш | щ | ъ | ы | ь | э | ю | я |

| | | | | | | | | | | | | | | | |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 0450 | 0451 | 0452 | 0453 | 0454 | 0455 | 0456 | 0457 | 0458 | 0459 | 045A | 045B | 045C | 045D | 045E | 045F |
| è | ë | ђ | ѓ | є | ѕ | і | ї | ј | љ | њ | ћ | ќ | й | ў | џ |
| 0460 | 0461 | 0462 | 0463 | 0464 | 0465 | 0466 | 0467 | 0468 | 0469 | 046A | 046B | 046C | 046D | 046E | 046F |
| ω | ω | ѣ | ѣ | Ѥ | Ѥ | Ѧ | Ѧ | Ѩ | Ѩ | Ѫ | Ѫ | Ѭ | Ѭ | Ѯ | Ѯ |
| 0470 | 0471 | 0472 | 0473 | 0474 | 0475 | 0476 | 0477 | 0478 | 0479 | 048A | 048B | 048C | 048D | 048E | 048F |
| ψ | ψ | θ | θ | ϐ | ϑ | ϒ | ϒ | ϔ | ϔ | ϖ | ϖ | Ϙ | Ϙ | Ϛ | Ϛ |
| 0490 | 0491 | 0492 | 0493 | 0494 | 0495 | 0496 | 0497 | 0498 | 0499 | 049A | 049B | 049C | 049D | 049E | 049F |
| Г | Г | Ғ | ғ | Ҥ | ҥ | Ҫ | ҫ | З | з | Қ | қ | К | к | Ҝ | ҝ |
| 04A0 | 04A1 | 04A2 | 04A3 | 04A4 | 04A5 | 04A6 | 04A7 | 04A8 | 04A9 | 04AA | 04AB | 04AC | 04AD | 04AE | 04AF |
| К | к | Ң | ң | Н | н | Њ | њ | Ќ | ќ | Њ | њ | Ќ | ќ | Њ | њ |
| 04B0 | 04B1 | 04B2 | 04B3 | 04B4 | 04B5 | 04B6 | 04B7 | 04B8 | 04B9 | 04BA | 04BB | 04BC | 04BD | 04BE | 04BF |
| У | у | Х | х | Ц | ц | Ч | ч | Ч | ч | Һ | һ | Е | е | Е | е |
| 04C0 | 04C1 | 04C2 | 04C3 | 04C4 | 04C5 | 04C6 | 04C7 | 04C8 | 04C9 | 04CA | 04CB | 04CC | 04CD | 04CE | 04CF |
| І | Ў | ў | Ѓ | ѓ | Ѕ | ѕ | Ї | ї | Ї | ї | Ї | ї | Ї | ї | Ї |
| 04D0 | 04D1 | 04D2 | 04D3 | 04D4 | 04D5 | 04D6 | 04D7 | 04D8 | 04D9 | 04DA | 04DB | 04DC | 04DD | 04DE | 04DF |
| Ǻ | ǻ | Ǽ | ǽ | Æ | æ | Ǽ | ǽ | Ǽ | ǽ | Ǽ | ǽ | Ǽ | ǽ | Ǽ | ǽ |
| 04E0 | 04E1 | 04E2 | 04E3 | 04E4 | 04E5 | 04E6 | 04E7 | 04E8 | 04E9 | 04EA | 04EB | 04EC | 04ED | 04EE | 04EF |
| З | з | Й | й | Й | й | Ö | ö | Ө | ө | Ө | ө | Э | э | У | у |
| 04F0 | 04F1 | 04F2 | 04F3 | 04F4 | 04F5 | 04F6 | 04F7 | 04F8 | 04F9 | 04FA | 04FB | 04FC | 04FD | 04FE | 04FF |
| Û | ü | Ÿ | ÿ | Č | č | Г | г | Ы | ы | Ғ | ғ | Х | х | Ж | ж |

Cyrillic Supplement

Block from 0500 to 052F

| | | | | | | | | | | | | | | | |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 0500 | 0501 | 0502 | 0503 | 0504 | 0505 | 0506 | 0507 | 0508 | 0509 | 050A | 050B | 050C | 050D | 050E | 050F |
| Ԁ | ԁ | Ԃ | ԃ | Ԅ | ԅ | Ԇ | ԇ | Ԉ | ԉ | Ԋ | ԋ | Ԍ | ԍ | Ԏ | ԏ |
| 0510 | 0511 | 0512 | 0513 | 0514 | 0515 | 0516 | 0517 | 0518 | 0519 | 051A | 051B | 051C | 051D | 051E | 051F |
| Ԑ | ԑ | Ԓ | ԓ | Ԕ | ԕ | Ԗ | ԗ | Ԙ | ԙ | Ԛ | ԛ | Ԝ | ԝ | Ԟ | ԟ |
| 0520 | 0521 | 0522 | 0523 | 0524 | 0525 | 0526 | 0527 | 0528 | 0529 | 052A | 052B | 052C | 052D | 052E | 052F |
| Ԡ | ԡ | Ԣ | ԣ | Ԥ | ԥ | Ԧ | ԧ | Ԩ | ԩ | Ԫ | ԫ | Ԭ | ԭ | Ԯ | ԯ |

Latin Extended Additional

Block from 1E00 to 1EFF

1E80 1E81 1E82 1E83 1E84 1E85 1EF2 1EF3
 ð ò ñ ñ ð ð ÿ ÿ

Greek Extended

Block from 1F00 to 1FFF

1F00 1F01 1F02 1F03 1F04 1F05 1F06 1F07 1F08 1F09 1F0A 1F0B 1F0C 1F0D 1F0E 1F0F
 á à â ã ä å ã ã 'À 'À "À "À "À "À "À "À 'À 'À
 1F10 1F11 1F12 1F13 1F14 1F15 1F18 1F19 1F1A 1F1B 1F1C 1F1D 1F20 1F21 1F22 1F23
 é ê ë ì í î ï 'É 'É "É "É "É "É "É "É 'É 'É
 1F24 1F25 1F26 1F27 1F28 1F29 1F2A 1F2B 1F2C 1F2D 1F2E 1F2F 1F30 1F31 1F32 1F33
 ñ ñ ñ ñ 'H 'H "H "H "H "H "H "H 'H 'H í í ì ì
 1F34 1F35 1F36 1F37 1F38 1F39 1F3A 1F3B 1F3C 1F3D 1F3E 1F3F 1F40 1F41 1F42 1F43
 ï ï ï ï 'I 'I "I "I "I "I "I "I 'I 'I ó ó ò ò
 1F44 1F45 1F48 1F49 1F4A 1F4B 1F4C 1F4D 1F50 1F51 1F52 1F53 1F54 1F55 1F56 1F57
 ò ò 'O 'O "O "O "O "O "O ú ú ù ù ù ù ù ù
 1F59 1F5B 1F5D 1F5F 1F60 1F61 1F62 1F63 1F64 1F65 1F66 1F67 1F68 1F69 1F6A 1F6B
 'Y "Y "Y "Y 'ó 'ó 'ô 'ô 'ô 'ô 'ô 'ô 'ô 'ô 'ô 'ô
 1F6C 1F6D 1F6E 1F6F 1F70 1F71 1F72 1F73 1F74 1F75 1F76 1F77 1F78 1F79 1F7A 1F7B
 "ô "ô "ô "ô à á è é ò ò ò ò ò ò ò ò ò ò
 1F7C 1F7D 1F80 1F81 1F82 1F83 1F84 1F85 1F86 1F87 1F88 1F89 1F8A 1F8B 1F8C 1F8D
 ò ò á á à à à à à à à à 'À 'À "À "À "À "À
 1F8E 1F8F 1F90 1F91 1F92 1F93 1F94 1F95 1F96 1F97 1F98 1F99 1F9A 1F9B 1F9C 1F9D
 'À 'À ò ò ò ò ò ò ò ò ò ò 'H 'H "H "H "H "H
 1F9E 1F9F 1FA0 1FA1 1FA2 1FA3 1FA4 1FA5 1FA6 1FA7 1FA8 1FA9 1FAA 1FAB 1FAC 1FAD
 'H 'H 'ó 'ó 'ô 'ô 'ô 'ô 'ô 'ô 'ô 'ô "ô "ô "ô "ô
 1FAE 1FAF 1FB0 1FB1 1FB2 1FB3 1FB4 1FB6 1FB7 1FB8 1FB9 1FBA 1FBB 1FBC 1FBD 1FBE
 'ô 'ô à ā à α á ã ã ã ã ã ã ã ã ã ã
 1FBF 1FC0 1FC1 1FC2 1FC3 1FC4 1FC6 1FC7 1FC8 1FC9 1FCA 1FCB 1FCC 1FCD 1FCE 1FCF
 ' , ~ ã ò ò ò ò ò ò ò ò 'É 'É 'H 'H H " " '̂
 1FD0 1FD1 1FD2 1FD3 1FD6 1FD7 1FD8 1FD9 1FDA 1FDB 1FDD 1FDE 1FDF 1FE0 1FE1 1FE2
 ï ï ò ò ò ò ò ò ò ò 'I 'I " " '̂ ù ù ù

| | | | | | | | | | | | | | | | |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 1FE3 | 1FE4 | 1FE5 | 1FE6 | 1FE7 | 1FE8 | 1FE9 | 1FEA | 1FEB | 1FEC | 1FED | 1FEE | 1FEF | 1FF2 | 1FF3 | 1FF4 |
| Ů | Ů | Ů | Ů | Ů | Ů | Ů | Ů | Ů | Ů | Ů | Ů | Ů | Ů | Ů | Ů |
| 1FF6 | 1FF7 | 1FF8 | 1FF9 | 1FFA | 1FFB | 1FFC | 1FFD | 1FFE | | | | | | | |
| Ů | Ů | Ů | Ů | Ů | Ů | Ů | Ů | Ů | | | | | | | |

General Punctuation

Block from 2000 to 206F

| | | | | | | | | | | | | | | | |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 2007 | 2008 | 200B | 2012 | 2013 | 2014 | 2015 | 2017 | 2018 | 2019 | 201A | 201C | 201D | 201E | 2020 | 2021 |
| | | | — | — | — | — | = | ‘ | ’ | , | “ | ” | „ | † | ‡ |
| 2022 | 2026 | 2030 | 2039 | 203A | 2044 | 204A | | | | | | | | | |
| • | ... | ‰ | ◀ | ▶ | ↗ | 7 | | | | | | | | | |

Superscripts and Subscripts

Block from 2070 to 209F

| | | | | | | | | | | | | | | | |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 2070 | 2074 | 2075 | 2076 | 2077 | 2078 | 2079 | 207A | 207B | 207C | 207D | 207E | 207F | 2080 | 2081 | 2082 |
| ⁰ | ⁴ | ⁵ | ⁶ | ⁷ | ⁸ | ⁹ | + | − | = | (|) | n | ⁰ | ¹ | ² |
| 2083 | 2084 | 2085 | 2086 | 2087 | 2088 | 2089 | 208A | 208B | 208C | 208D | 208E | | | | |
| ³ | ⁴ | ⁵ | ⁶ | ⁷ | ⁸ | ⁹ | + | − | = | (|) | | | | |

Currency Symbols

Block from 20A0 to 20CF

| | | | | |
|------|------|------|------|------|
| 20AC | 20AF | 20B9 | 20BA | 20BD |
| € | ₱ | ₹ | ₱ | ₱ |

Letterlike Symbols

Block from 2100 to 214F

| | | | |
|------|------|------|------|
| 2113 | 2116 | 2122 | 212E |
| ℓ | № | ™ | ℓ |

Number Forms

Block from 2150 to 218F

| | | | | | | | | | | | | |
|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 2153 | 2154 | 2155 | 2156 | 2157 | 2158 | 2159 | 215A | 215B | 215C | 215D | 215E | 215F |
| ⅓ | ⅔ | ⅕ | ⅖ | ⅗ | ⅘ | ⅙ | ⅚ | ⅛ | ⅜ | ⅝ | ⅞ | ⅞ |

Arrows

Block from 2190 to 21FF



Mathematical Operators

Block from 2200 to 22FF



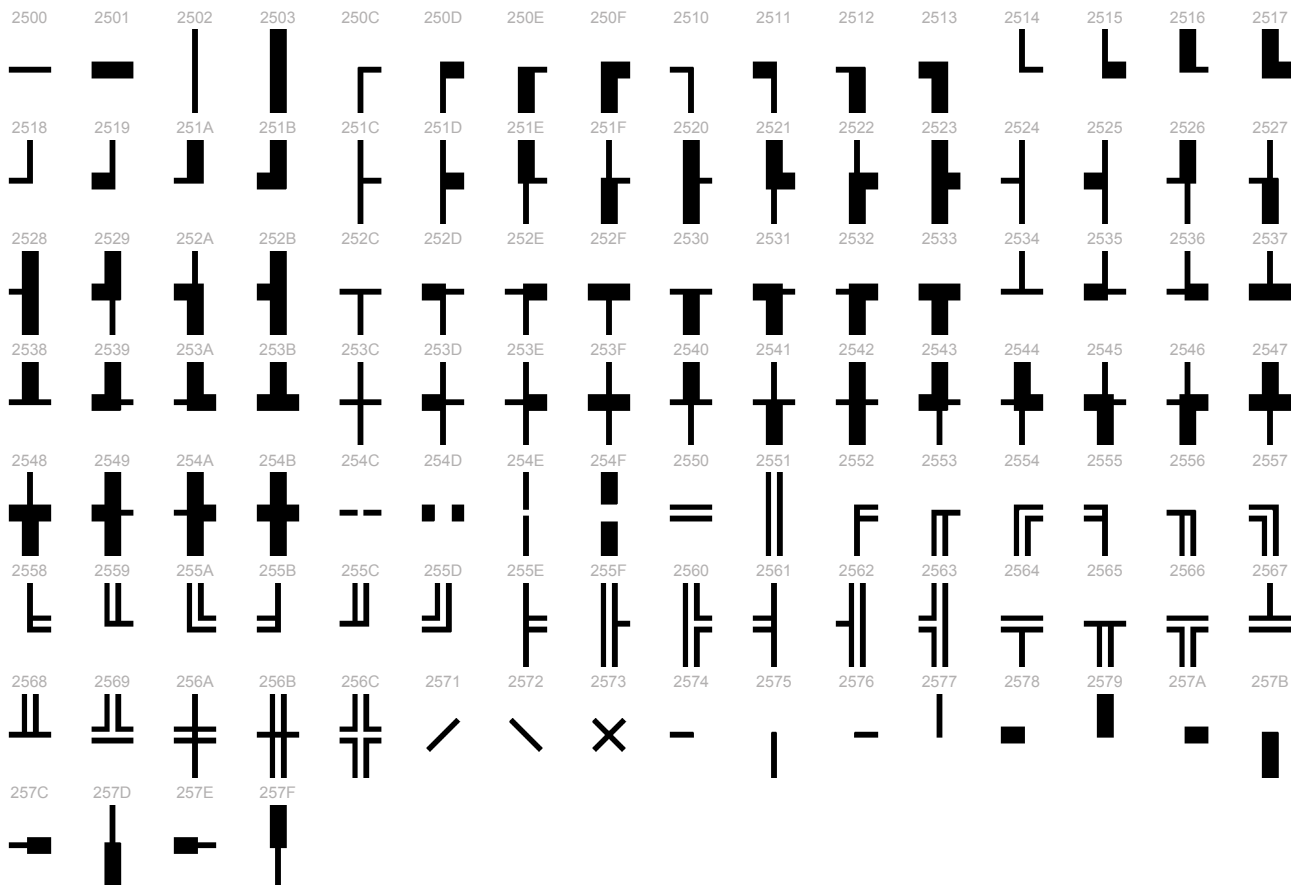
Miscellaneous Technical

Block from 2300 to 23FF



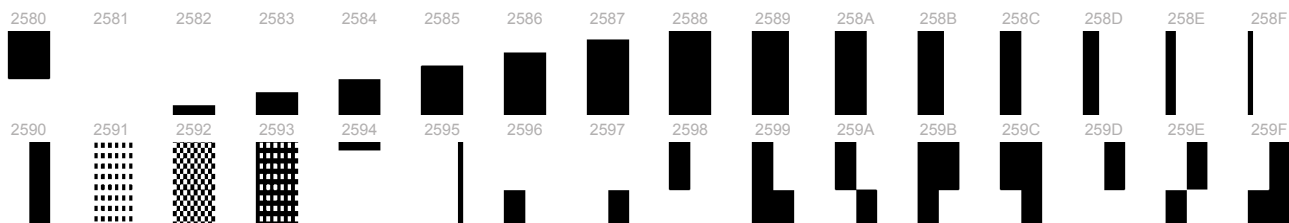
Box Drawing

Block from 2500 to 257F



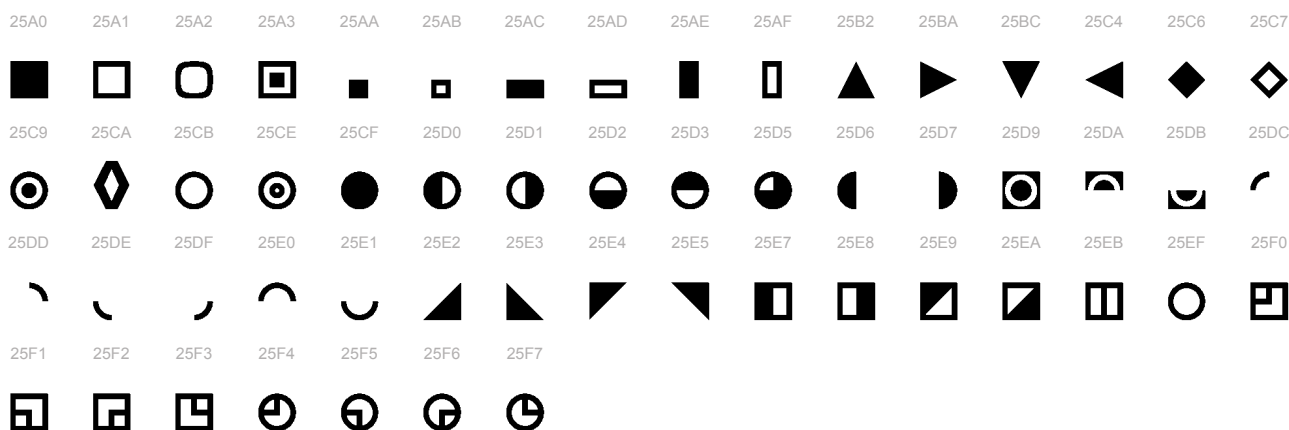
Block Elements

Block from 2580 to 259F



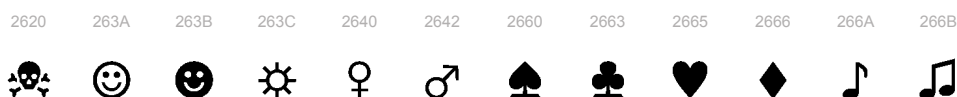
Geometric Shapes

Block from 25A0 to 25FF



Miscellaneous Symbols

Block from 2600 to 26FF



Dingbats

Block from 2700 to 27BF

27A1



Miscellaneous Symbols and Arrows

Block from 2B00 to 2BFF

2B05

2B06

2B07



Private Use Area

Block from E000 to F8FF

E000



E001



E002



E003

Alphabetic Presentation Forms

Block from FB00 to FB4F

FB01



FB02



Arabic Presentation Forms-B

Block from FE70 to FEFF

FEFF

Old Style Figures

0 1 2 3 4 5 6 7 8 9 # - ¢ ¤ \$
⌘ € ₣ ₧ ₹ £ ¥ ≈ ~ ÷ = > ≥ ∞ ∫ <
≤ ¬ − × ≠ ∂ % ‰ + ± ∏ √ Σ ∅ § °
† ‡

Tabular Figures

Slashed Zero

0 0

Other

|?| ⚡ , ’ ~

OpenType Layout Features

For details about OpenType Layout Features see the [OpenType Layout tag registry](#).

Substitution Features



Access All Alternates

This feature makes all variations of a selected character accessible.



Contextual Alternates

In specified situations, replaces default glyphs with alternate forms which provide better joining behavior.



Discretionary Ligatures

Replaces a sequence of glyphs with a single glyph which is preferred for typographic purposes. This feature covers those ligatures which may be used for special effect, at the user's preference.



Old Style Figures

This feature changes selected figures from the default lining style to oldstyle form.



Tabular Figures

Replaces figure glyphs set on proportional widths with corresponding glyphs set on uniform (tabular) widths.



Slashed Zero

Some fonts contain both a default form of zero, and an alternative form which uses a diagonal slash through the counter. This feature allows the user to change from the default 0 to a slashed form.



Numerators

Replaces selected figures which precede a slash with numerator figures, and replaces the typographic slash with the fraction slash.



Denominators

Replaces selected figures which follow a slash with denominator figures.



Fractions

Replaces figures separated by a slash with 'common' (diagonal) fractions.



Superscript

Replaces lining or oldstyle figures with superior figures (primarily for footnote indication), and may replace lowercase letters with superior letters (primarily for abbreviated French titles).



Subscript

The "subs" feature may replace a default glyph with a subscript glyph.



Ordinals

Replaces default alphabetic glyphs with the corresponding ordinal forms for use after figures.



Case-Sensitive Forms

Shifts various punctuation marks up to a position that works better with all-capital sequences or sets of lining figures; also changes oldstyle figures to lining figures.



Localized Forms

This feature enables localized forms of glyphs to be substituted for default forms.

Positioning Features



Mark Positioning

Positions mark glyphs with respect to base glyphs.



Mark to Mark Positioning

Positions marks with respect to other marks. Required in various non-Latin scripts like Arabic.

Codepages

MacOS

MacOS Greek

MS Windows

MS Windows 1250 Central European
MS Windows 1251 Cyrillic
MS Windows 1252 Western (ANSI)

MS Windows 1253 Greek
MS Windows 1254 Turkish
MS Windows 1257 Baltic

MS DOS

MS DOS 737 Greek (437G)
MS DOS 775 Baltic
MS DOS 850 Latin 1
MS DOS 852 Latin 2
MS DOS 855 Cyrillic

MS DOS 857 Turkish
MS DOS 863 Canadian-French
MS DOS 866 Cyrillic
MS DOS 869 Greek Modern

ISO

ISO 8859- 1 Latin 1 (Western)
ISO 8859- 2 Latin 2 (Central Europe)
ISO 8859- 3 Latin 3 (Tu, Malt, Gal, Esp)
ISO 8859- 4 Latin 4 (Baltic)
ISO 8859- 5 Cyrillic
ISO 8859- 7 Greek

ISO 8859- 9 Latin 5 (Turkish)
ISO 8859-10 Latin 6 (Scandinavian)
ISO 8859-13 Latin 7 (Baltic 2)
ISO 8859-15 Latin 9
ISO 8859-16 Latin 10

Languages

Information about languages is mainly based on the Unicode Common Locale Data Repository. For details visit the [Unicode CLDR Project](#).

Latin

| | | | |
|---------------|--------------|-------------------|-----------------|
| Afar | Galician | Maltese | Slovak |
| Afrikaans | Ganda | Manx | Slovenian |
| Albanian | German | Maori | Soga |
| Asu | Gusii | Meru | Somali |
| Basque | Hungarian | Moldavian | Sorbian, Lower |
| Bemba | Icelandic | Morisyen | Sorbian, Upper |
| Bena | Indonesian | North Ndebele | Sotho, Northern |
| Bosnian | Interlingua | Norwegian Bokmål | Sotho, Southern |
| Breton | Irish | Norwegian Nynorsk | South Ndebele |
| Catalan | Italian | Nyanja | Spanish |
| Chiga | Jju | Nyankole | Swahili |
| Cornish | Kabuverdianu | Occitan | Swati |
| Crimean Tatar | Kalaallisut | Oromo | Swedish |
| Croatian | Kalenjin | Polish | Swiss German |
| Czech | Kamba | Portuguese | Taita |
| Danish | Kikuyu | Romanian | Taroko |
| Dutch | Kinyarwanda | Romansh | Teso |
| Embu | Koro | Rombo | Tsonga |
| English | Kurdish | Rwa | Tswana |
| Esperanto | Latvian | Saho | Turkish |
| Estonian | Lithuanian | Samburu | Tyap |
| Faroese | Low German | Sami Northern | Vunjo |
| Filipino | Luo | Sango | Welsh |
| Finnish | Luyia | Sena | Wolof |
| French | Machame | Serbian | Xhosa |
| Frisian West | Makonde | Shambala | Zulu |
| Friulian | Malagasy | Shona | |
| Ga | Malay | Sidamo | |

Cyrillic

| | | | |
|-------------|------------|-----------|-----------|
| Azerbaijani | Chechen | Mongolian | Uighur |
| Bashkir | Kazakh | Russian | Ukrainian |
| Belarusian | Kirghiz | Serbian | Uzbek |
| Bulgarian | Macedonian | Tajik | |
| Buriat | Mari | Tatar | |

Greek

Greek