

ASCII Code

| Dec | Hex | Char             | Dec | Hex | Char  | Dec | Hex | Char | Dec | Hex | Char |
|-----|-----|------------------|-----|-----|-------|-----|-----|------|-----|-----|------|
| 0   | 00  | Null             | 32  | 20  | Space | 64  | 40  | @    | 96  | 60  | `    |
| 1   | 01  | Start of heading | 33  | 21  | !     | 65  | 41  | A    | 97  | 61  | a    |
| 2   | 02  | Start of text    | 34  | 22  | "     | 66  | 42  | B    | 98  | 62  | b    |
| 3   | 03  | End of text      | 35  | 23  | #     | 67  | 43  | C    | 99  | 63  | c    |
| 4   | 04  | End of transmit  | 36  | 24  | \$    | 68  | 44  | D    | 100 | 64  | d    |
| 5   | 05  | Enquiry          | 37  | 25  | %     | 69  | 45  | E    | 101 | 65  | e    |
| 6   | 06  | Acknowledge      | 38  | 26  | &     | 70  | 46  | F    | 102 | 66  | f    |
| 7   | 07  | Audible bell     | 39  | 27  | '     | 71  | 47  | G    | 103 | 67  | g    |
| 8   | 08  | Backspace        | 40  | 28  | (     | 72  | 48  | H    | 104 | 68  | h    |
| 9   | 09  | Horizontal tab   | 41  | 29  | )     | 73  | 49  | I    | 105 | 69  | i    |
| 10  | 0A  | Line feed        | 42  | 2A  | *     | 74  | 4A  | J    | 106 | 6A  | j    |
| 11  | 0B  | Vertical tab     | 43  | 2B  | +     | 75  | 4B  | K    | 107 | 6B  | k    |
| 12  | 0C  | Form feed        | 44  | 2C  | ,     | 76  | 4C  | L    | 108 | 6C  | l    |
| 13  | 0D  | Carriage return  | 45  | 2D  | -     | 77  | 4D  | M    | 109 | 6D  | m    |
| 14  | 0E  | Shift out        | 46  | 2E  | .     | 78  | 4E  | N    | 110 | 6E  | n    |
| 15  | 0F  | Shift in         | 47  | 2F  | /     | 79  | 4F  | O    | 111 | 6F  | o    |
| 16  | 10  | Data link escape | 48  | 30  | 0     | 80  | 50  | P    | 112 | 70  | p    |
| 17  | 11  | Device control 1 | 49  | 31  | 1     | 81  | 51  | Q    | 113 | 71  | q    |
| 18  | 12  | Device control 2 | 50  | 32  | 2     | 82  | 52  | R    | 114 | 72  | r    |
| 19  | 13  | Device control 3 | 51  | 33  | 3     | 83  | 53  | S    | 115 | 73  | s    |
| 20  | 14  | Device control 4 | 52  | 34  | 4     | 84  | 54  | T    | 116 | 74  | t    |
| 21  | 15  | Neg. acknowledge | 53  | 35  | 5     | 85  | 55  | U    | 117 | 75  | u    |
| 22  | 16  | Synchronous idle | 54  | 36  | 6     | 86  | 56  | V    | 118 | 76  | v    |
| 23  | 17  | End trans. block | 55  | 37  | 7     | 87  | 57  | W    | 119 | 77  | w    |
| 24  | 18  | Cancel           | 56  | 38  | 8     | 88  | 58  | X    | 120 | 78  | x    |
| 25  | 19  | End of medium    | 57  | 39  | 9     | 89  | 59  | Y    | 121 | 79  | y    |
| 26  | 1A  | Substitution     | 58  | 3A  | :     | 90  | 5A  | Z    | 122 | 7A  | z    |
| 27  | 1B  | Escape           | 59  | 3B  | ;     | 91  | 5B  | [    | 123 | 7B  | {    |
| 28  | 1C  | File separator   | 60  | 3C  | <     | 92  | 5C  | \    | 124 | 7C  |      |
| 29  | 1D  | Group separator  | 61  | 3D  | =     | 93  | 5D  | ]    | 125 | 7D  | }    |
| 30  | 1E  | Record separator | 62  | 3E  | >     | 94  | 5E  | ^    | 126 | 7E  | ~    |
| 31  | 1F  | Unit separator   | 63  | 3F  | ?     | 95  | 5F  | _    | 127 | 7F  | □    |

Extended ASCII code

| Dec | Hex | Char | Dec | Hex | Char | Dec | Hex | Char | Dec | Hex | Char |
|-----|-----|------|-----|-----|------|-----|-----|------|-----|-----|------|
| 128 | 80  | Ç    | 160 | A0  | á    | 192 | C0  | Ł    | 224 | E0  | α    |
| 129 | 81  | ù    | 161 | A1  | í    | 193 | C1  | ł    | 225 | E1  | β    |
| 130 | 82  | é    | 162 | A2  | ó    | 194 | C2  | Ṭ    | 226 | E2  | Γ    |
| 131 | 83  | â    | 163 | A3  | ú    | 195 | C3  | ł̇   | 227 | E3  | π    |
| 132 | 84  | ä    | 164 | A4  | ñ    | 196 | C4  | —    | 228 | E4  | Σ    |
| 133 | 85  | à    | 165 | A5  | Ñ    | 197 | C5  | †    | 229 | E5  | σ    |
| 134 | 86  | ã    | 166 | A6  | ª    | 198 | C6  | ‡    | 230 | E6  | μ    |
| 135 | 87  | ç    | 167 | A7  | º    | 199 | C7  | ‡    | 231 | E7  | ι    |
| 136 | 88  | ê    | 168 | A8  | ¿    | 200 | C8  | Ł    | 232 | E8  | Φ    |
| 137 | 89  | ë    | 169 | A9  | ƒ    | 201 | C9  | ƒ    | 233 | E9  | Θ    |
| 138 | 8A  | è    | 170 | AA  | ƒ    | 202 | CA  | Ł    | 234 | EA  | Ω    |
| 139 | 8B  | ì    | 171 | AB  | ½    | 203 | CB  | ƒ    | 235 | EB  | δ    |
| 140 | 8C  | î    | 172 | AC  | ¼    | 204 | CC  | ‡    | 236 | EC  | ∞    |
| 141 | 8D  | ï    | 173 | AD  | ¡    | 205 | CD  | =    | 237 | ED  | ∞    |
| 142 | 8E  | Ä    | 174 | AE  | «    | 206 | CE  | ‡    | 238 | EE  | ε    |
| 143 | 8F  | Å    | 175 | AF  | »    | 207 | CF  | Ł    | 239 | EF  | ∩    |
| 144 | 90  | É    | 176 | B0  | ⋯    | 208 | DO  | Ł    | 240 | FO  | ≡    |
| 145 | 91  | æ    | 177 | B1  | ⋮    | 209 | D1  | ƒ    | 241 | F1  | ±    |
| 146 | 92  | Æ    | 178 | B2  | ⋭    | 210 | D2  | π    | 242 | F2  | ≥    |
| 147 | 93  | ô    | 179 | B3  |      | 211 | D3  | Ł    | 243 | F3  | ≤    |
| 148 | 94  | ö    | 180 | B4  | †    | 212 | D4  | Ł    | 244 | F4  | [    |
| 149 | 95  | ò    | 181 | B5  | ‡    | 213 | D5  | ƒ    | 245 | F5  | ]    |
| 150 | 96  | û    | 182 | B6  | ‡    | 214 | D6  | π    | 246 | F6  | ÷    |
| 151 | 97  | ù    | 183 | B7  | π    | 215 | D7  | ‡    | 247 | F7  | ≈    |
| 152 | 98  | ÿ    | 184 | B8  | ƒ    | 216 | D8  | ‡    | 248 | F8  | °    |
| 153 | 99  | Ö    | 185 | B9  | ‡    | 217 | D9  | ∫    | 249 | F9  | •    |
| 154 | 9A  | Û    | 186 | BA  |      | 218 | DA  | ƒ    | 250 | FA  | ·    |
| 155 | 9B  | ø    | 187 | BB  | π    | 219 | DB  | ■    | 251 | FB  | √    |
| 156 | 9C  | £    | 188 | BC  | ∫    | 220 | DC  | ■    | 252 | FC  | ²    |
| 157 | 9D  | ¥    | 189 | BD  | ∫    | 221 | DD  | ■    | 253 | FD  | ³    |
| 158 | 9E  | ℳ    | 190 | BE  | ∫    | 222 | DE  | ■    | 254 | FE  | ■    |
| 159 | 9F  | f    | 191 | BF  | ∫    | 223 | DF  | ■    | 255 | FF  | □    |