

ASCII Printing Characters Chart

| Decimal | Hex | Oct | Character | Decimal | Hex | Oct | Character | Decimal | Hex | Oct | Character |
|---------|-----|-----|-----------|---------|-----|-----|-----------|---------|-----|-----|-----------|
| 32 | 20 | 040 | space | 64 | 40 | 100 | @ | 96 | 60 | 140 | ` |
| 33 | 21 | 041 | ! | 65 | 41 | 101 | A | 97 | 61 | 141 | a |
| 34 | 22 | 042 | " | 66 | 42 | 102 | B | 98 | 62 | 142 | b |
| 35 | 23 | 043 | # | 67 | 43 | 103 | C | 99 | 63 | 143 | c |
| 36 | 24 | 044 | \$ | 68 | 44 | 104 | D | 100 | 64 | 144 | d |
| 37 | 25 | 045 | % | 69 | 45 | 105 | E | 101 | 65 | 145 | e |
| 38 | 26 | 046 | & | 70 | 46 | 106 | F | 102 | 66 | 146 | f |
| 39 | 27 | 047 | ' | 71 | 47 | 107 | G | 103 | 67 | 147 | g |
| 40 | 28 | 050 | (| 72 | 48 | 110 | H | 104 | 68 | 150 | h |
| 41 | 29 | 051 |) | 73 | 49 | 111 | I | 105 | 69 | 151 | i |
| 42 | 2A | 052 | * | 74 | 4A | 112 | J | 106 | 6A | 152 | j |
| 43 | 2B | 053 | + | 75 | 4B | 113 | K | 107 | 6B | 153 | k |
| 44 | 2C | 054 | , | 76 | 4C | 114 | L | 108 | 6C | 154 | l |
| 45 | 2D | 055 | - | 77 | 4D | 115 | M | 109 | 6D | 155 | m |
| 46 | 2E | 056 | . | 78 | 4E | 116 | N | 110 | 6E | 156 | n |
| 47 | 2F | 057 | / | 79 | 4F | 117 | O | 111 | 6F | 157 | o |
| 48 | 30 | 060 | 0 | 80 | 50 | 120 | P | 112 | 70 | 160 | p |
| 49 | 31 | 061 | 1 | 81 | 51 | 121 | Q | 113 | 71 | 161 | q |
| 50 | 32 | 062 | 2 | 82 | 52 | 122 | R | 114 | 72 | 162 | r |
| 51 | 33 | 063 | 3 | 83 | 53 | 123 | S | 115 | 73 | 163 | s |
| 52 | 34 | 064 | 4 | 84 | 54 | 124 | T | 116 | 74 | 164 | t |
| 53 | 35 | 065 | 5 | 85 | 55 | 125 | U | 117 | 75 | 165 | u |
| 54 | 36 | 066 | 6 | 86 | 56 | 126 | V | 118 | 76 | 166 | v |
| 55 | 37 | 067 | 7 | 87 | 57 | 127 | W | 119 | 77 | 167 | w |
| 56 | 38 | 070 | 8 | 88 | 58 | 130 | X | 120 | 78 | 170 | x |
| 57 | 39 | 071 | 9 | 89 | 59 | 131 | Y | 121 | 79 | 171 | y |
| 58 | 3A | 072 | : | 90 | 5A | 132 | Z | 122 | 7A | 172 | z |
| 59 | 3B | 073 | ; | 91 | 5B | 133 | [| 123 | 7B | 173 | { |
| 60 | 3C | 074 | < | 92 | 5C | 134 | \ | 124 | 7C | 174 | |
| 61 | 3D | 075 | = | 93 | 5D | 135 |] | 125 | 7D | 175 | } |
| 62 | 3E | 076 | > | 94 | 5E | 136 | ^ | 126 | 7E | 176 | ~ |
| 63 | 3F | 077 | ? | 95 | 5F | 137 | _ | 127 | 7F | 177 | DEL |