**ASCII Table (American Standard Code for Information Interchange)**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **DEC** | **HEX** | **BIN** | **Symbol** | **Description** |
| 32 | 20 | 00100000 |  | Space |
| 33 | 21 | 00100001 | ! | Exclamation mark |
| 34 | 22 | 00100010 | " | Double quotes (or speech marks) |
| 35 | 23 | 00100011 | # | Number |
| 36 | 24 | 00100100 | $ | Dollar |
| 37 | 25 | 00100101 | % | Percentage |
| 38 | 26 | 00100110 | & | Ampersand |
| 39 | 27 | 00100111 | ' | Single quote |
| 40 | 28 | 00101000 | ( | Open parenthesis (or open bracket) |
| 41 | 29 | 00101001 | ) | Close parenthesis (or close bracket) |
| 42 | 2A | 00101010 | \* | Asterisk |
| 43 | 2B | 00101011 | + | Plus |
| 44 | 2C | 00101100 | , | Comma |
| 45 | 2D | 00101101 | - | Hyphen |
| 46 | 2E | 00101110 | . | Period, dot or full stop |
| 47 | 2F | 00101111 | / | Slash or divide |
| 48 | 30 | 00110000 | 0 | Zero |
| 49 | 31 | 00110001 | 1 | One |
| 50 | 32 | 00110010 | 2 | Two |
| 51 | 33 | 00110011 | 3 | Three |
| 52 | 34 | 00110100 | 4 | Four |
| 53 | 35 | 00110101 | 5 | Five |
| 54 | 36 | 00110110 | 6 | Six |
| 55 | 37 | 00110111 | 7 | Seven |
| 56 | 38 | 00111000 | 8 | Eight |
| 57 | 39 | 00111001 | 9 | Nine |
| 58 | 3A | 00111010 | : | Colon |
| 59 | 3B | 00111011 | ; | Semicolon |
| 60 | 3C | 00111100 | < | Less than (or open angled bracket) |
| 61 | 3D | 00111101 | = | Equals |
| 62 | 3E | 00111110 | > | Greater than (or close angled bracket) |
| 63 | 3F | 00111111 | ? | Question mark |
| 64 | 40 | 01000000 | @ | At symbol |
| 65 | 41 | 01000001 | A | Uppercase A |
| 66 | 42 | 01000010 | B | Uppercase B |
| 67 | 43 | 01000011 | C | Uppercase C |
| 68 | 44 | 01000100 | D | Uppercase D |
| 69 | 45 | 01000101 | E | Uppercase E |
| 70 | 46 | 01000110 | F | Uppercase F |
| 71 | 47 | 01000111 | G | Uppercase G |
| 72 | 48 | 01001000 | H | Uppercase H |
| 73 | 49 | 01001001 | I | Uppercase I |
| 74 | 4A | 01001010 | J | Uppercase J |
| 75 | 4B | 01001011 | K | Uppercase K |
| 76 | 4C | 01001100 | L | Uppercase L |
| 77 | 4D | 01001101 | M | Uppercase M |
| 78 | 4E | 01001110 | N | Uppercase N |
| 79 | 4F | 01001111 | O | Uppercase O |
| 80 | 50 | 01010000 | P | Uppercase P |
| 81 | 51 | 01010001 | Q | Uppercase Q |
| 82 | 52 | 01010010 | R | Uppercase R |
| 83 | 53 | 01010011 | S | Uppercase S |
| 84 | 54 | 01010100 | T | Uppercase T |
| 85 | 55 | 01010101 | U | Uppercase U |
| 86 | 56 | 01010110 | V | Uppercase V |
| 87 | 57 | 01010111 | W | Uppercase W |
| 88 | 58 | 01011000 | X | Uppercase X |
| 89 | 59 | 01011001 | Y | Uppercase Y |
| 90 | 5A | 01011010 | Z | Uppercase Z |
| 91 | 5B | 01011011 | [ | Opening bracket |
| 92 | 5C | 01011100 | \ | Backslash |
| 93 | 5D | 01011101 | ] | Closing bracket |
| 94 | 5E | 01011110 | ^ | Caret - circumflex |
| 95 | 5F | 01011111 | \_ | Underscore |
| 96 | 60 | 01100000 | ` | Grave accent |
| 97 | 61 | 01100001 | a | Lowercase a |
| 98 | 62 | 01100010 | b | Lowercase b |
| 99 | 63 | 01100011 | c | Lowercase c |
| 100 | 64 | 01100100 | d | Lowercase d |
| 101 | 65 | 01100101 | e | Lowercase e |
| 102 | 66 | 01100110 | f | Lowercase f |
| 103 | 67 | 01100111 | g | Lowercase g |
| 104 | 68 | 01101000 | h | Lowercase h |
| 105 | 69 | 01101001 | i | Lowercase i |
| 106 | 6A | 01101010 | j | Lowercase j |
| 107 | 6B | 01101011 | k | Lowercase k |
| 108 | 6C | 01101100 | l | Lowercase l |
| 109 | 6D | 01101101 | m | Lowercase m |
| 110 | 6E | 01101110 | n | Lowercase n |
| 111 | 6F | 01101111 | o | Lowercase o |
| 112 | 70 | 01110000 | p | Lowercase p |
| 113 | 71 | 01110001 | q | Lowercase q |
| 114 | 72 | 01110010 | r | Lowercase r |
| 115 | 73 | 01110011 | s | Lowercase s |
| 116 | 74 | 01110100 | t | Lowercase t |
| 117 | 75 | 01110101 | u | Lowercase u |
| 118 | 76 | 01110110 | v | Lowercase v |
| 119 | 77 | 01110111 | w | Lowercase w |
| 120 | 78 | 01111000 | x | Lowercase x |
| 121 | 79 | 01111001 | y | Lowercase y |
| 122 | 7A | 01111010 | z | Lowercase z |
| 123 | 7B | 01111011 | { | Opening brace |
| 124 | 7C | 01111100 | | | Vertical bar |
| 125 | 7D | 01111101 | } | Closing brace |
| 126 | 7E | 01111110 | ~ | Equivalency sign - tilde |
| 127 | 7F | 01111111 |  | Delete |
| 128 | 80 | 10000000 | € | Euro sign |