**ASCII Codes**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Decimal** | **Binary** | **Character** | **Decimal** | **Binary** | **Character** | **Decimal** | **Binary** | **Character** |
| 32 | 00100000 | space | 64 | 01000000 | @ | 96 | 01100000 | ' |
| 33 | 00100001 | ! | 65 | 01000001 | A | 97 | 01100001 | a |
| 34 | 00100010 | " | 66 | 01000010 | B | 98 | 01100010 | b |
| 35 | 00100011 | # | 67 | 01000011 | C | 99 | 01100011 | c |
| 36 | 00100100 | $ | 68 | 01000100 | D | 100 | 01100100 | d |
| 37 | 00100101 | % | 69 | 01000101 | E | 101 | 01100101 | e |
| 38 | 00100110 | & | 70 | 01000110 | F | 102 | 01100110 | f |
| 39 | 00100111 | ' | 71 | 01000111 | G | 103 | 01100111 | g |
| 40 | 00101000 | ( | 72 | 01001000 | H | 104 | 01101000 | h |
| 41 | 00101001 | ) | 73 | 01001001 | I | 105 | 01101001 | i |
| 42 | 00101010 | \* | 74 | 01001010 | J | 106 | 01101010 | j |
| 43 | 00101011 | + | 75 | 01001011 | K | 107 | 01101011 | k |
| 44 | 00101100 | , | 76 | 01001100 | L | 108 | 01101100 | l |
| 45 | 00101101 | - | 77 | 01001101 | M | 109 | 01101101 | m |
| 46 | 00101110 | . | 78 | 01001110 | N | 110 | 01101110 | n |
| 47 | 00101111 | / | 79 | 01001111 | O | 111 | 01101111 | o |
| 48 | 00110000 | 0 | 80 | 01010000 | P | 112 | 01110000 | p |
| 49 | 00110001 | 1 | 81 | 01010001 | Q | 113 | 01110001 | q |
| 50 | 00110010 | 2 | 82 | 01010010 | R | 114 | 01110010 | r |
| 51 | 00110011 | 3 | 83 | 01010011 | S | 115 | 01110011 | s |
| 52 | 00110100 | 4 | 84 | 01010100 | T | 116 | 01110100 | t |
| 53 | 00110101 | 5 | 85 | 01010101 | U | 117 | 01110101 | u |
| 54 | 00110110 | 6 | 86 | 01010110 | V | 118 | 01110110 | v |
| 55 | 00110111 | 7 | 87 | 01010111 | W | 119 | 01110111 | w |
| 56 | 00111000 | 8 | 88 | 01011000 | X | 120 | 01111000 | x |
| 57 | 00111001 | 9 | 89 | 01011001 | Y | 121 | 01111001 | y |
| 58 | 00111010 | : | 90 | 01011010 | Z | 122 | 01111010 | z |
| 59 | 00111011 | ; | 91 | 01011011 | [ | 123 | 01111011 | { |
| 60 | 00111100 | < | 92 | 01011100 | \ | 124 | 01111100 | | |
| 61 | 00111101 | = | 93 | 01011101 | ] | 125 | 01111101 | } |
| 62 | 00111110 | > | 94 | 01011110 | ^ | 126 | 01111110 | ~ |
| 63 | 00111111 | ? | 95 | 01011111 | \_ | 127 | 01111111 | del |