|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **DECIMAL** | **HEXADECIMAL** | **OCTAL** | **BINER** | **CHARACTER** |
| 0 | 0 | 000 | 0000000 | NULL |
| 1 | 1 | 001 | 0000001 | START OF HEADING |
| 2 | 2 | 002 | 0000010 | START OF TEXT |
| 3 | 3 | 003 | 0000011 | END OF TEXT |
| 4 | 4 | 004 | 0000100 | END OF TRANSMISSION |
| 5 | 5 | 005 | 0000101 | ENQUERY |
| 6 | 6 | 006 | 0000110 | ACTKNOWLEDGE |
| 7 | 7 | 007 | 0000111 | BELL |
| 8 | 8 | 010 | 0001000 | BACKSPACE |
| 9 | 9 | 011 | 0001001 | HORIZONTAL TAB |
| 10 | A | 012 | 0001010 | NL LINE FEED, NEW LINE |
| 11 | B | 013 | 0001011 | VERTICAL TAB |
| 12 | C | 014 | 0001100 | NP FROM FEED, NEW PAGE |
| 13 | D | 015 | 0001101 | CARRIAGE RETURN |
| 14 | E | 016 | 0001110 | SHIFT OUT |
| 15 | F | 017 | 0001111 | SHIFT IN |
| 16 | 10 | 020 | 0010000 | DATA LINK ESCAPE |
| 17 | 11 | 021 | 0010001 | DEVICE CONTROL 1 |
| 18 | 12 | 022 | 0010010 | DEVICE CONTROL 2 |
| 19 | 13 | 023 | 0010011 | DEVICE CONTROL 3 |
| 20 | 14 | 024 | 0010100 | DEVICE CONTROL 4 |
| 21 | 15 | 025 | 0010101 | NEGATIVE ACKNOWLEDGE |
| 22 | 16 | 026 | 0010110 | SYNCRONOUS IDLE |
| 23 | 17 | 027 | 0010111 | END OF TRANS. BLOCK |
| 24 | 18 | 030 | 0011000 | CANCEL |
| 25 | 19 | 031 | 0011001 | END OF MEDIUM |
| 26 | 1A | 032 | 0011010 | SUBSTITUTE |
| 27 | 1B | 033 | 0011011 | ESCAPE |
| 28 | 1C | 034 | 0011100 | FILE SEPARATOR |
| 29 | 1D | 035 | 0011101 | GROUP SEPARATOR |
| 30 | 1E | 036 | 0011110 | RECORD SEPARATOR |
| 31 | 1F | 037 | 0011111 | UNIT SEPARATOR |
| 32 | 20 | 040 | 0100000 | SPACE |
| 33 | 21 | 041 | 0100001 | ! |
| 34 | 22 | 042 | 0100010 | " |
| 35 | 23 | 043 | 0100011 | # |
| 36 | 24 | 044 | 0100100 | $ |
| 37 | 25 | 045 | 0100101 | % |
| 38 | 26 | 046 | 0100110 | & |
| 39 | 27 | 047 | 0100111 | ‘ |
| 40 | 28 | 050 | 0101000 | ( |
| 41 | 29 | 051 | 0101001 | ) |
| 42 | 2A | 052 | 0101010 | \* |
| 43 | 2B | 053 | 0101011 | + |
| 44 | 2C | 054 | 0101100 | ` |
| 45 | 2D | 055 | 0101101 | - |
| 46 | 2E | 056 | 0101110 | . |
| 47 | 2F | 057 | 0101111 | / |
| 48 | 30 | 060 | 0110000 | 0 |
| 49 | 31 | 061 | 0110001 | 1 |
| 50 | 32 | 062 | 0110010 | 2 |
| 51 | 33 | 063 | 0110011 | 3 |
| 52 | 34 | 064 | 0110100 | 4 |
| 53 | 35 | 065 | 0110101 | 5 |
| 54 | 36 | 066 | 0110110 | 6 |
| 55 | 37 | 067 | 0110111 | 7 |
| 56 | 38 | 070 | 0111000 | 8 |
| 57 | 39 | 071 | 0111001 | 9 |
| 58 | 3A | 072 | 0111010 | : |
| 59 | 3B | 073 | 0111011 | ; |
| 60 | 3C | 074 | 0111100 | < |
| 61 | 3D | 075 | 0111101 | = |
| 62 | 3E | 076 | 0111110 | > |
| 63 | 3F | 077 | 0111111 | ? |
| 64 | 40 | 100 | 1000000 | @ |
| 65 | 41 | 101 | 1000001 | A |
| 66 | 42 | 102 | 1000010 | B |
| 67 | 43 | 103 | 1000011 | C |
| 68 | 44 | 104 | 1000100 | D |
| 69 | 45 | 105 | 1000101 | E |
| 70 | 46 | 106 | 1000110 | F |
| 71 | 47 | 107 | 1000111 | G |
| 72 | 48 | 110 | 1001000 | H |
| 73 | 49 | 111 | 1001001 | I |
| 74 | 4A | 112 | 1001010 | J |
| 75 | 4B | 113 | 1001011 | K |
| 76 | 4C | 114 | 1001100 | L |
| 77 | 4D | 115 | 1001101 | M |
| 78 | 4E | 116 | 1001110 | N |
| 79 | 4F | 117 | 1001111 | O |
| 80 | 50 | 120 | 1010000 | P |
| 81 | 51 | 121 | 1010001 | Q |
| 82 | 52 | 122 | 1010010 | R |
| 83 | 53 | 123 | 1010011 | S |
| 84 | 54 | 124 | 1010100 | T |
| 85 | 55 | 125 | 1010101 | U |
| 86 | 56 | 126 | 1010110 | V |
| 87 | 57 | 127 | 1010111 | W |
| 88 | 58 | 130 | 1011000 | X |
| 89 | 59 | 131 | 1011001 | Y |
| 90 | 5A | 132 | 1011010 | Z |
| 91 | 5B | 133 | 1011011 | [ |
| 92 | 5C | 134 | 1011100 | \ |
| 93 | 5D | 135 | 1011101 | ] |
| 94 | 5E | 136 | 1011110 | ^ |
| 95 | 5F | 137 | 1011111 | \_ |
| 96 | 60 | 140 | 1100000 | ` |
| 97 | 61 | 141 | 1100001 | a |
| 98 | 62 | 142 | 1100010 | b |
| 99 | 63 | 143 | 1100011 | c |
| 100 | 64 | 144 | 1100100 | d |
| 101 | 65 | 145 | 1100101 | e |
| 102 | 66 | 146 | 1100110 | f |
| 103 | 67 | 147 | 1100111 | g |
| 104 | 68 | 150 | 1101000 | h |
| 105 | 69 | 151 | 1101001 | i |
| 106 | 6A | 152 | 1101010 | j |
| 107 | 6B | 153 | 1101011 | k |
| 108 | 6C | 154 | 1101100 | l |
| 109 | 6D | 155 | 1101101 | m |
| 110 | 6E | 156 | 1101110 | n |
| 111 | 6F | 157 | 1101111 | o |
| 112 | 70 | 160 | 1110000 | p |
| 113 | 71 | 161 | 1110001 | q |
| 114 | 72 | 162 | 1110010 | r |
| 115 | 73 | 163 | 1110011 | s |
| 116 | 74 | 164 | 1110100 | t |
| 117 | 75 | 165 | 1110101 | u |
| 118 | 76 | 166 | 1110110 | v |
| 119 | 77 | 167 | 1110111 | w |
| 120 | 78 | 170 | 1111000 | x |
| 121 | 79 | 171 | 1111001 | y |
| 122 | 7A | 172 | 1111010 | z |
| 123 | 7B | 173 | 1111011 | { |
| 124 | 7C | 174 | 1111100 | | |
| 125 | 7D | 175 | 1111101 | } |
| 126 | 7E | 176 | 1111110 | ~ |
| 127 | 7F | 177 | 1111111 | DEL |