|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Zero Digit** | 0 | 0 | 48 | 00110000 | 30 |
| **One Digit** | 1 | 1 | 49 | 00110001 | 31 |
| **Two Digit** | 2 | 2 | 50 | 00110010 | 32 |
| **Three Digit** | 3 | 3 | 51 | 00110011 | 33 |
| **Four Digit** | 4 | 4 | 52 | 00110100 | 34 |
| **Five Digit** | 5 | 5 | 53 | 00110101 | 35 |
| **Six Digit** | 6 | 6 | 54 | 00110110 | 36 |
| **Seven Digit** | 7 | 7 | 55 | 00110111 | 37 |
| **Eight Digit** | 8 | 8 | 56 | 00111000 | 38 |
| **Nine Digit** | 9 | 9 | 57 | 00111001 | 39 |
| **Colon - 10** | : | Shift ; | 58 | 00111010 | 3A |
| **Semicolon - 11** | ; | ; | 59 | 00111011 | 3B |
| **Less-Than Sign - 12** | < | Shift , | 60 | 00111100 | 3C |
| **Equals Sign - 13** | = | = | 61 | 00111101 | 3D |
| **Greater-Than Sign - 14** | > | Shift . | 62 | 00111110 | 3E |
| **Question Mark - 15** | ? | Shift / | 63 | 00111111 | 3F |
| **At Sign - 16** | @ | Shift 2 | 64 | 01000000 | 40 |
| **Capital A - 17** | A | Shift A | 65 | 01000001 | 41 |
| **Capital B - 18** | B | Shift B | 66 | 01000010 | 42 |
| **Capital C - 19** | C | Shift C | 67 | 01000011 | 43 |
| **Capital A** | A | Shift A | 65 | 01000001 | 41 |
| **Capital B** | B | Shift B | 66 | 01000010 | 42 |
| **Capital C** | C | Shift C | 67 | 01000011 | 43 |
| **Capital D** | D | Shift D | 68 | 01000100 | 44 |
| **Capital E** | E | Shift E | 69 | 01000101 | 45 |
| **Capital F** | F | Shift F | 70 | 01000110 | 46 |
| **Capital G** | G | Shift G | 71 | 01000111 | 47 |
| **Capital H** | H | Shift H | 72 | 01001000 | 48 |
| **Capital I** | I | Shift I | 73 | 01001001 | 49 |
| **Capital J** | J | Shift J | 74 | 01001010 | 4A |
| **Capital K** | K | Shift K | 75 | 01001011 | 4B |
| **Capital L** | L | Shift L | 76 | 01001100 | 4C |
| **Capital M** | M | Shift M | 77 | 01001101 | 4D |
| **Capital N** | N | Shift N | 78 | 01001110 | 4E |
| **Capital O** | O | Shift O | 79 | 01001111 | 4F |
| **Capital P** | P | Shift P | 80 | 01010000 | 50 |
| **Capital Q** | Q | Shift Q | 81 | 01010001 | 51 |
| **Capital R** | R | Shift R | 82 | 01010010 | 52 |
| **Capital S** | S | Shift S | 83 | 01010011 | 53 |
| **Capital T** | T | Shift T | 84 | 01010100 | 54 |
| **Capital U** | U | Shift U | 85 | 01010101 | 55 |
| **Capital V** | V | Shift V | 86 | 01010110 | 56 |
| **Capital W** | W | Shift W | 87 | 01010111 | 57 |
| **Capital X** | X | Shift X | 88 | 01011000 | 58 |
| **Capital Y** | Y | Shift Y | 89 | 01011001 | 59 |
| **Capital Z** | Z | Shift Z | 90 | 01011010 | 5A |
| **Left Bracket** | [ | [ | 91 | 01011011 | 5B |
| **Backward Slash** | \ | \ | 92 | 01011100 | 5C |
| **Right Bracket** | ] | ] | 93 | 01011101 | 5D |
| **Caret** | ^ | Shift 6 | 94 | 01011110 | 5E |
| **Underscore** | \_ | Shift - | 95 | 01011111 | 5F |
| **Back Quote** | ` | ` | 96 | 01100000 | 60 |
| **Lower-case A** | a | A | 97 | 01100001 | 61 |
| **Lower-case B** | b | B | 98 | 01100010 | 62 |
| **Lower-case C** | c | C | 99 | 01100011 | 63 |
| **Lower-case D** | d | D | 100 | 01100100 | 64 |
| **Lower-case E** | e | E | 101 | 01100101 | 65 |
| **Lower-case F** | f | F | 102 | 01100110 | 66 |
| **Lower-case G** | g | G | 103 | 01100111 | 67 |
| **Lower-case H** | h | H | 104 | 01101000 | 68 |
| **Lower-case I** | I | I | 105 | 01101001 | 69 |
| **Lower-case J** | j | J | 106 | 01101010 | 6A |
| **Lower-case K** | k | K | 107 | 01101011 | 6B |
| **Lower-case L** | l | L | 108 | 01101100 | 6C |
| **Lower-case M** | m | M | 109 | 01101101 | 6D |
| **Lower-case N** | n | N | 110 | 01101110 | 6E |
| **Lower-case O** | o | O | 111 | 01101111 | 6F |
| **Lower-case P** | p | P | 112 | 01110000 | 70 |
| **Lower-case Q** | q | Q | 113 | 01110001 | 71 |
| **Lower-case R** | r | R | 114 | 01110010 | 72 |
| **Lower-case S** | s | S | 115 | 01110011 | 73 |
| **Lower-case T** | t | T | 116 | 01110100 | 74 |
| **Lower-case U** | u | U | 117 | 01110101 | 75 |
| **Lower-case V** | v | V | 118 | 01110110 | 76 |
| **Lower-case W** | w | W | 119 | 01110111 | 77 |
| **Lower-case X** | x | X | 120 | 01111000 | 78 |
| **Lower-case Y** | y | Y | 121 | 01111001 | 79 |
| **Lower-case Z** | z | Z | 122 | 01111010 | 7A |