

| Printable ASCII Characters | | | |
|----------------------------|-----|-----|-----------|
| Dec | Hex | Oct | Character |
| 68 | 44 | 104 | D |
| 69 | 45 | 105 | E |
| 70 | 46 | 106 | F |
| 71 | 47 | 107 | G |
| 72 | 48 | 110 | H |
| 73 | 49 | 111 | I |
| 74 | 4a | 112 | J |
| 75 | 4b | 113 | K |
| 76 | 4c | 114 | L |
| 77 | 4d | 115 | M |
| 78 | 4e | 116 | N |
| 79 | 4f | 117 | O |
| 80 | 50 | 120 | P |
| 81 | 51 | 121 | Q |
| 82 | 52 | 122 | R |
| 83 | 53 | 123 | S |
| 84 | 54 | 124 | T |
| 85 | 55 | 125 | U |
| 86 | 56 | 126 | V |
| 87 | 57 | 127 | W |
| 88 | 58 | 130 | X |
| 89 | 59 | 131 | Y |
| 90 | 5a | 132 | Z |
| 91 | 5b | 133 | [|
| 92 | 5c | 134 | \ |
| 93 | 5d | 135 |] |
| 94 | 5e | 136 | ^ |
| 95 | 5f | 137 | _ |
| 96 | 60 | 140 | ` |
| 97 | 61 | 141 | a |

| Printable ASCII Characters | | | |
|----------------------------|-----|-----|-----------|
| Dec | Hex | Oct | Character |
| 98 | 62 | 142 | b |
| 99 | 63 | 143 | c |
| 100 | 64 | 144 | d |
| 101 | 65 | 145 | e |
| 102 | 66 | 146 | f |
| 103 | 67 | 147 | g |
| 104 | 68 | 150 | h |
| 105 | 69 | 151 | i |
| 106 | 6a | 152 | j |
| 107 | 6b | 153 | k |
| 108 | 6c | 154 | l |
| 109 | 6d | 155 | m |
| 110 | 6e | 156 | n |
| 111 | 6f | 157 | o |
| 112 | 70 | 160 | p |
| 113 | 71 | 161 | q |
| 114 | 72 | 162 | r |
| 115 | 73 | 163 | s |
| 116 | 74 | 164 | t |
| 117 | 75 | 165 | u |
| 118 | 76 | 166 | v |
| 119 | 77 | 167 | w |
| 120 | 78 | 170 | x |
| 121 | 79 | 171 | y |
| 122 | 7a | 172 | z |
| 123 | 7b | 173 | { |
| 124 | 7c | 174 | |
| 125 | 7d | 175 | } |
| 126 | 7e | 176 | ~ |

Operator Precedence and Associativity

The operators are shown in order of precedence, from highest to lowest.

| Operator | Associativity |
|-----------------------------------|---|
| :: | unary: left to right binary: right to left |
| () [] -> . | left to right |
| ++ -- + - ! ~ (type) * & sizeof | right to left |
| * / % | left to right |
| + - | left to right |
| << >> | left to right |
| < <= > >= | left to right |
| == != | left to right |
| & | left to right |
| ^ | left to right |
| | left to right |
| && | left to right |
| | left to right |
| ?: | right to left |
| = += -= *= /= %= &= ^= = <<= >>= | right to left |
| , | left to right |