

ADVANCED HEXADECIMAL CONVERSION

Reference Chart: 0 - 255 (0x00 - 0xFF)
Encoding: UTF-8 / ASCII / BIN

DEC	HEX	BINARY
0	00	0000 0000
1	01	0000 0001
2	02	0000 0010
4	04	0000 0100
8	08	0000 1000
10	0A	0000 1010
15	0F	0000 1111

DEC	HEX	BINARY
16	10	0001 0000
32	20	0010 0000
64	40	0100 0000
128	80	1000 0000
255	FF	1111 1111

DEC	HEX	CHAR
32	20	[Space]
48	30	'0'
65	41	'A'
97	61	'a'

BIT	MAX DEC	MAX HEX
4-bit	15	F
8-bit	255	FF
12-bit	4095	FFF
16-bit	65535	FFFF

VALUE	HEX
White	#FFFFFF
Black	#000000

VALUE	HEX
Red	#FF0000
Grey	#808080

VALUE	HEX
Green	#00FF00
Silver	#C0C0C0

VALUE	HEX
Blue	#0000FF
Gold	#FFD700

Calculation logic: Base 16 (0-9, A-F). Bitwise position values: 4096, 256, 16, 1.