

$$\begin{aligned}
2^0 &= 1 \\
2^1 &= 2 \\
2^2 &= 4 \\
2^3 &= 8 \\
2^4 &= 16 \\
2^5 &= 32 \\
2^6 &= 64 \\
2^7 &= 128 \\
2^8 &= 256 \\
2^9 &= 512 \\
2^{10} &= 1024 \\
2^{11} &= 2048 \\
2^{12} &= 4096 \\
2^{13} &= 8192 \\
2^{14} &= 16384 \\
2^{15} &= 32768 \\
2^{16} &= 65536 \\
2^{17} &= 131072 \\
2^{18} &= 262144 \\
2^{19} &= 524288 \\
2^{20} &= 1048576 \\
2^{21} &= 2097152 \\
2^{22} &= 4194304 \\
2^{23} &= 8388608 \\
2^{24} &= 16777216 \\
2^{25} &= 33554432 \\
2^{26} &= 67108864 \\
2^{27} &= 134217728 \\
2^{28} &= 268435456 \\
2^{29} &= 536870912
\end{aligned}$$

Decimal to Hexadecimal Table

Decimal (Base 10)	Hexadecimal (Base 16)	Binary (Base 2)
0	0	0000
1	1	0001
2	2	0010
3	3	0011
4	4	0100
5	5	0101
6	6	0110
7	7	0111
8	8	1000
9	9	1001
10	A	1010
11	B	1011
12	C	1100
13	D	1101
14	E	1110
15	F	1111

1	0	1	16
16	1	2	32
256	2	3	48
4096	3	4	64
65536	4	5	80
1048576	5	6	96
		7	112
		8	128
		9	144
		10	160
		11	176
		12	192
		13	208
		14	224
		15	240