

Hexadecimal

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

Hex subtraction

4096 16³	256 16²	16 16¹	1 16⁰	Value
		8	A	138
	-	4	E	78
		3	C	60

Octal – base 8

512 8³	64 8²	8 8¹	1 8⁰	Value
	3	7	7	255
+			1	1
	4	0	0	256

Octal – base 8

Octal	$\begin{smallmatrix} 4 \\ 2^2 \end{smallmatrix}$	$\begin{smallmatrix} 2 \\ 2^1 \end{smallmatrix}$	$\begin{smallmatrix} 1 \\ 2^0 \end{smallmatrix}$	Permission
1	0	0	1	--X
2	0	1	0	-W-
3	0	1	1	-WX
4	1	0	0	r--
5	1	0	1	r-X
6	1	1	0	rw-
7	1	1	1	rwx