

Dominando Ensamblador Z80

La magia del
HEXADECIMAL



¿Por qué?

0000	01	89	7F	ED	49	C3	91	05	C3	8A	B9	C3	84	B9	C5	C9
0010	C3	1D	BA	C3	17	BA	D5	C9	C3	C7	B9	C3	B9	B9	E9	00
0020	C3	C6	BA	C3	C1	B9	00	00	C3	35	BA	00	ED	49	D9	FB
0030	F3	D9	21	2B	00	71	18	08	C3	41	B9	C9	00	00	00	00

00000000000000000000	000000001	10001001	01111111	11101101
0000000000000000100	01001001	11000011	10010001	00000101
0000000000000001000	11000011	10001010	10111001	11000011
000000000000001100	10000100	10111001	11000101	11001001

Contar

10 1

1 2

$$\begin{array}{r} 10 \times 1 \\ + 1 \times 2 \\ = 12 \end{array}$$



Contar

$$\begin{array}{|c|c|} \hline 16 & 1 \\ \hline 1 & 4 \\ \hline \end{array}$$

$$\begin{array}{l} 16 \times 1 \\ + 1 \times 4 \\ = 20 \end{array}$$



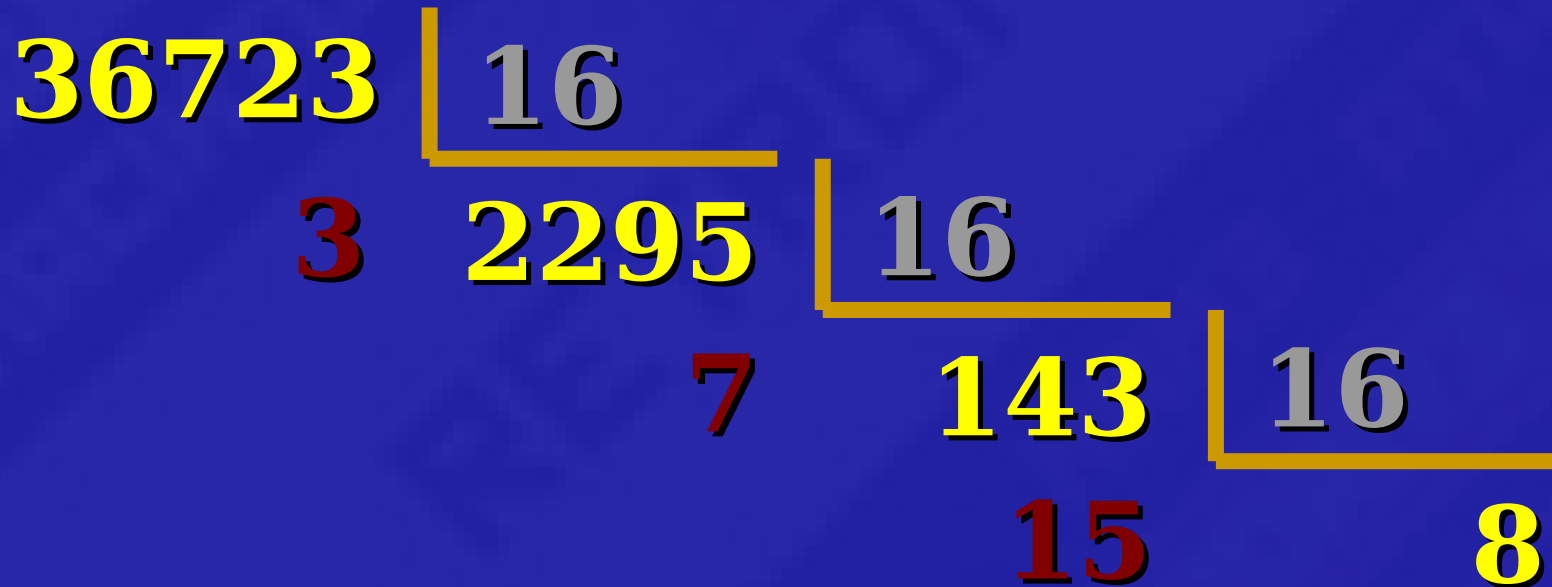
Hexa > Decimal

4096	256	16	1
C	8	2	A

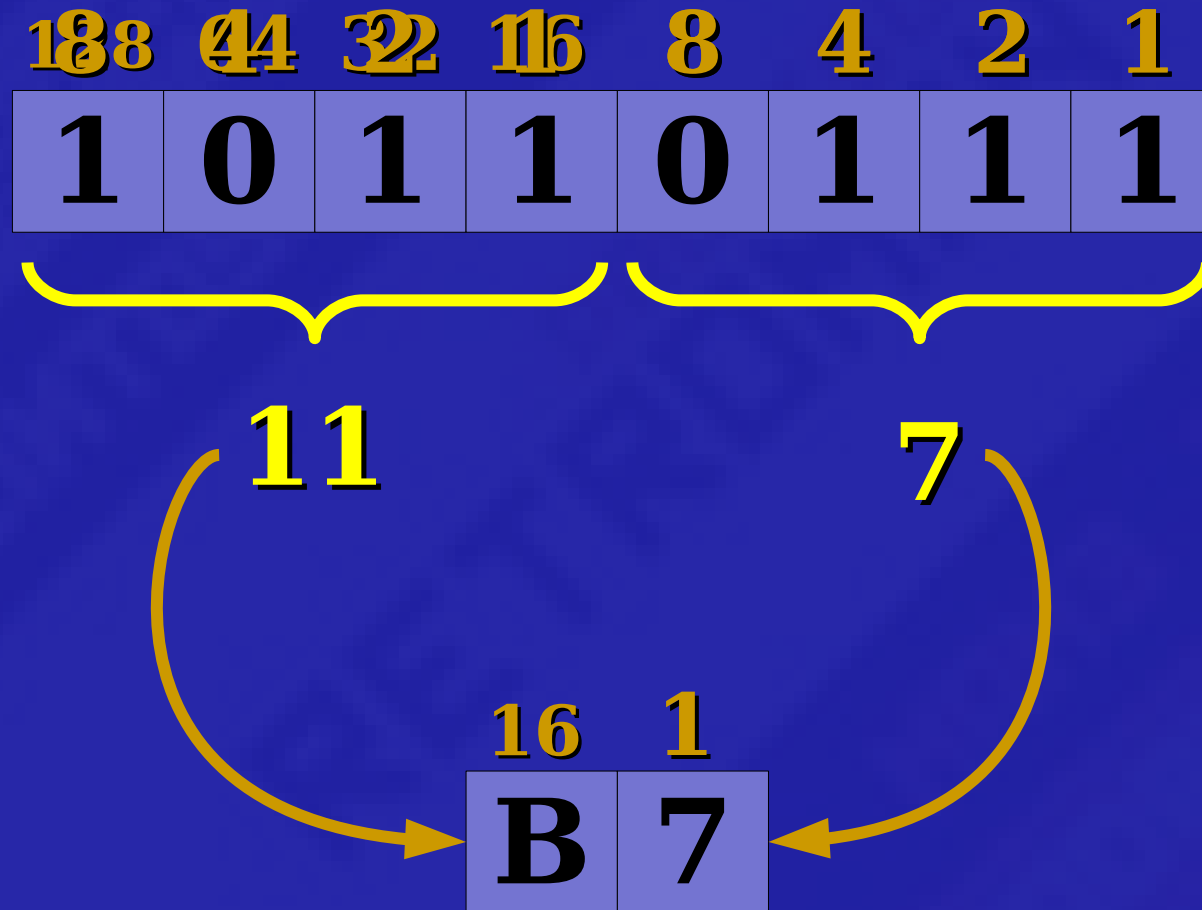
$$\begin{aligned}
 &4096 \times \text{C} \\
 &+ 256 \times \text{8} \\
 &+ 16 \times \text{2} \\
 &+ 1 \times \text{A} \\
 &= 51242
 \end{aligned}$$

Decimal > Hexa

4096	256	16	1
8	F	7	3



Hexa <> Binario



Hexa <> Binario

0	0	0	0	0
1	0	0	0	1
2	0	0	1	0
3	0	0	1	1
4	0	1	0	0
5	0	1	0	1
6	0	1	1	0
7	0	1	1	1

8	1	0	0	0
9	1	0	0	1
A	1	0	1	0
B	1	0	1	1
C	1	1	0	0
D	1	1	0	1
E	1	1	1	0
F	1	1	1	1

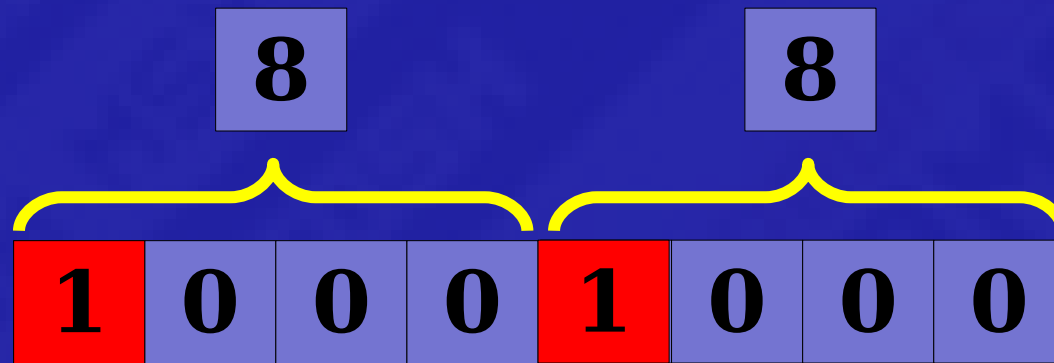
C 2

1 1 0 0 0 0 1 0

1 1 1 0 1 0 1 0

E A

Ejemplo de uso



```
Amstrad 1
@1985  Ams
BASIC 1.1
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