

number \rightarrow 501

STEP 1: Divide 501 by base = 16

Quotient = 31

Remainder = 5

STEP 2: Since quotient $>$ base, Repeat with 31 divided by base

Quotient = 1

Remainder = 15 (F)

STEP 3: Since quotient $<$ base. STOP

The converted number is 1F5 (Reverse of the calculation above)

Hex	Decimal
0	0
1	1
2	2
3	3
4	4
5	5
6	6
7	7
8	8
9	9
A	10
B	11
C	12
D	13
E	14
F	15