

The number is presented as **hexadecimal**. (also: base 16, or **hex**) Is a positional numeral system with a radix, or base, of 16. It uses sixteen distinct symbols, most often the symbols **0–9** to represent values zero to nine, and **A, B, C, D, E, F** (or alternatively **a–f**) to represent values ten to fifteen.

For transfer in decimal system it is possible to take advantage of the formula:

$$Dec = \sum_{i=1}^n S * 16^{i-1}$$

**Were:** *S* – value of symbol, *i* – place of symbol from right

**Solution:**

$$Hex = 12a2b3c4$$

$$Dec = 1 * 16^7 + 2 * 16^6 + 10 * 16^5 + 2 * 16^4 + 11 * 16^3 + 3 * 16^2 + 12 * 16^1 + 4 * 16^0 = 268435456 + 33554432 + 131072 + 45056 + 768 + 192 + 4 = 312652740$$

**Answer: 312652740**