Comparing DB's The Easy Way to Resistor Color Codes:

There is a interesting comparision that I have found between decoding resistor color codes and decoding Decibel values:

Resistor Color Codes:

- On resistors, the first two color bands describe a particular value, without a decimal point description
    - i.e. 39 can be 3.9 or 39 or 390

- the 3rd band is called "The Multiplier", and this is what actually determines the composite value of that resistor.

Decibel Coding:

- The "Basic Decibel Value" is the Value that expresses or converts Logarithymically to a "Factor" for gain or loss.

- The number to the left of that Basic Decibal Value is the "Multiplier", as a power of the Base 10, with 1 being a Multiplier of 10 times the Fator

- *Actually, the entire number expressed is actually a Logarithic Value as an exponent of the Base 10, but considering that there is a "hidden decimal point" involved.*

Examples:

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