

A RESISTOR

Color coded. Remember the code if you'd like. From 2 to 7 is the color of the rainbow from low frequency red to high frequency violet.
The chart is on every lab table.

The 4th color ring is tolerance band

Brown: 1%
Silver: 10%

Red: 2%
No band: 20%
Gold: 5%

Easy math here.

What's the tolerance of the resistor on the right?

$$47 \times 10\Omega \pm 5\% = 446\Omega \sim 494\Omega$$

