

Resistor Color Code

4-band color code



10K Ohms \pm 5%

5-band color code



47.5 K Ohms \pm 1%

6-band color code



276 Ohms \pm 5%

First Digit

Second Digit

Third Digit

Multiplier

Tolerance

Temperature Coefficient

BLK-0
BRN-1
RED-2
ORN-3
YEL-4
GRN-5
BLU-6
VIO-7
GRY-8
WHT-9

BLK-0
BRN-1
RED-2
ORN-3
YEL-4
GRN-5
BLU-6
VIO-7
GRY-8
WHT-9

BLK-0
BRN-1
RED-2
ORN-3
YEL-4
GRN-5
BLU-6
VIO-7
GRY-8
WHT-9

SLV 0.01
GLD 0.1
BLK-1
BRN-10
RED-100
ORN-1K
YEL-10K
GRN-100K
BLU-1M
VIO-10M

SLV \pm 10%
GLD \pm 5%
BRN \pm 1%
RED \pm 2%
GRN \pm 0.5%
BLU \pm 0.25%
VIO \pm 0.1%

BRN-100ppm
RED-50ppm
ORN-15ppm
YEL-25ppm