

## STANDARD WIRING COLOR CODES

### Electronic applications (as established by the Electronic Industries Association – EIA):

Insulation Color	Circuit type
Black	Chassis grounds, returns, primary leads
Blue	Plate leads, transistor collectors, FET drain
Brown	Filaments, plate start lead
Gray	AC main power leads
Green	Transistor base, finish grid, diodes, FET gate
Orange	Transistor base 2, screen grid
Red	B plus dc power supply
Violet	Power supply minus
White	B – C minus of bias supply, AVC – AGC return
Yellow	Emitters-cathode and transistor, FET source

### Stereo Audio Channels :

Insulation Color	Circuit type
White	Left channel high side
Blue	Left channel low side
Red	Right channel high side
Green	Right channel low side

### AF Transformers (audio):

Insulation Color	Circuit type
Black	Ground line
Blue	Plate, collector, or drain lead. End of primary winding.
Brown	Start primary loop. Opposite to blue lead.
Green	High side, end secondary loop.
Red	B plus, center tap push - pull loop.
Yellow	Secondary center tap.

### IF Transformers (Intermediate Frequency):

Insulation Color	Circuit type
Blue	Primary high side of plate, collector, or drain lead.
Green	Secondary high side for output.
Red	Low side of primary returning B plus.
Violet	Secondary outputs.
White	Secondary low side.