

Alloys

Bright yellow, 22K:

24K gold — 91.67%, fine silver — 5%, copper — 2%, zinc 1.33%

Bright yellow, 18K:

24K gold — 75%, fine silver — 9.5%, copper — 15½%

Bright yellow, 14K:

24K gold — 58.5%, fine silver — 12.5%, copper — 29%

Bright yellow, 12K:

24K gold — 50%, fine silver — 16%, copper — 34%

Bright yellow, 10K:

24K gold — 41.67%, fine silver — 20.33%, copper — 38%

Light yellow, 18K:

24K gold — 75%, fine silver — 11.5%, copper — 13.5%

Light yellow, 23K (very hard):

24K gold — 95.8%, beryllium — 1%, nickel — 1.5%, copper — 1.7%

Light green, 18K:

24K gold — 75%, copper — 23%, cadmium — 2%

Deep green, 18K (very soft):

24K gold — 75%, fine silver — 25%

Medium green, 18K:

24K gold — 75%, fine silver — 5%, copper — 20%

Very deep green, 18K (hard):

24K gold — 75%, fine silver — 15%, cadmium — 4%, copper — 6%

Medium green, 14K (very soft):

24K gold — 58.3%, fine silver — 41.7%

Deep green, 14K:

24K gold — 58.3%, fine silver — 37%, cadmium — 4.7%

Medium green, 14K:

24K gold — 58.3%, fine silver — 35%, copper — 6.7%

Very deep green, 12K:

24K gold — 50%, fine silver — 40%, copper — 10%

Deep rose, 18K:

24K gold — 75%, copper — 25%

Medium rose, 18K:

24K gold — 75%, fine silver — 2.75%, copper — 22.25%

Pink, 18K:

24K gold — 75%, fine silver — 5%, copper — 20%

Bright red, 18K (tends to be brittle):

24K gold — 75%, aluminum — 25%

Bright purple, 20K:

24K gold — 83.3%, aluminum — 16.7%

Blue, 18K:

24K gold — 75%, iron — 25%

Grey, 18K:

24K — 75%, copper — 8%, iron — 17%

Black, 14K:

24K — 58.3%, iron — 41.7%

Very deep pink, 12K:

24K gold — 50%, copper — 50%

Brown, 18K:

24K gold — 75%, palladium — 18.75%, fine silver — 6.25%

Purple, 18K:

24K gold — 75%, aluminum — 23%, thorium — 1.5%, tin — 5%

White, 18K:

24K gold — 75%, platinum — 25%

White, 18K:

24K gold — 75%, palladium — 25%

White, 18K:

24K gold — 75%, palladium — 10%, nickel — 10%, zinc — 5%

White, 14K:

24K gold — 58.33%, copper — 23.5%, nickel — 12.2%, zinc — 5.97%

White, 14K (soft):

24K gold — 58.33%, copper — 22.1%, nickel — 10.8%, zinc — 8.77%

White, 10K:

24K gold — 41.67%, copper — 32.8%, nickel — 17.1%, zinc — 8.4%

Orange, 18K:

24K gold — 75%, fine silver — 3.6%, copper 21.4%

Orange, 14K:

24K gold — 58.33%, fine silver — 6%, copper — 35.67%

HYDROGEN IS BEST FOR MELT
NO ACETYLENE AT ALL

NO Ag, Cu, ZN WITH PROPANE
ORDER OF MELT: LOW TEMP → HIGH TEMP

OXYGEN FREE AS
POSSIBLE