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| **Metal Properties** |
| **Metal Type** | **Color** | **Scratch resistance** | **Sizable** | **Weight** | **Benefits** | **Comments** |
| Titanium | Gray | low | Order in size | Light | Durable, comfortable, nickel-free making it hypoallergenic, and corrosion resistance | May break if struck against a hard surface |
| Black Ceramic | Black | Extremely High | Order in size | Medium | Extremely hard material leaving few things such as diamonds that have the strength to scratch it, never fades and corrosion resistant. | May break if struck against a hard surface |
| Cobalt Chrome | White | Medium | Order in size | Medium | Brighter than platinum, stronger than titanium, hypoallergenic, strong durable, and cost effective | Used in medical applications |
| Yellow Gold | Yellow | low | Sizable | Medium | traditional and classic | When gold is alloyed with copper, silver, and zinc, the shades of yellow will differ. The less alloy used, the brighter the gold's color will be |
| Rose Gold | Copper | low | Sizable | Medium | More scratch resistant than yellow or white gold | Obtained by mixing gold and copper, the more copper the redder the color |
| White Gold | White | low | Sizable | Medium | Trendy and favored in the bridal industry | Gold is alloyed with nickel, copper, and zinc, it turns to white gold. Rhodium, a form of platinum may be used as a plating which helps to brighten the white color.  |
| P4 | White | High | Sizable | Medium | Highly durable and resistant to scratching, tarnishing, and oxidation. Low maintenance. It's also hypoallergenic  | A patented mix of silver (primarily), gold, palladium, and platinum. It looks identical to white gold, but at a 1/3 of the price. |
| Stainless steel | White | Low | Order in size | Medium | Long-lasting durability that will not scratch or tarnish. High resistance to rust and corrosion, very affordable, hypoallergenic and non-reactive surface | Alloy of iron, carbon, chromium, and traces of other metals. Commonly used for body jewelry |
| Silver | Silver | Low | Sizable | Heavy | Look of white metal at an affordable price. Easy to carve or engrave | Very soft, will patina over time |
| Tungsten | Varys | Extremely High | Order in size | Heavy | Scratch resistant, extremely hard, hypoallergenic and will not tarnish. Available in white black and gray | formed through a patented formula containing tungsten and carbon, like titanium carbide. Used to make tools |
| Platinum | White | Medium | Sizable | Heavy | Naturally white and less chance of discoloration, hypoallergenic, scratch resistant | Rarer than gold |
| Palladium | White | High | Sizable | Light | More durable and harder than gold and platinum, does not yellow and is hypoallergenic. Contains no nickel | Rarest metal in the world |