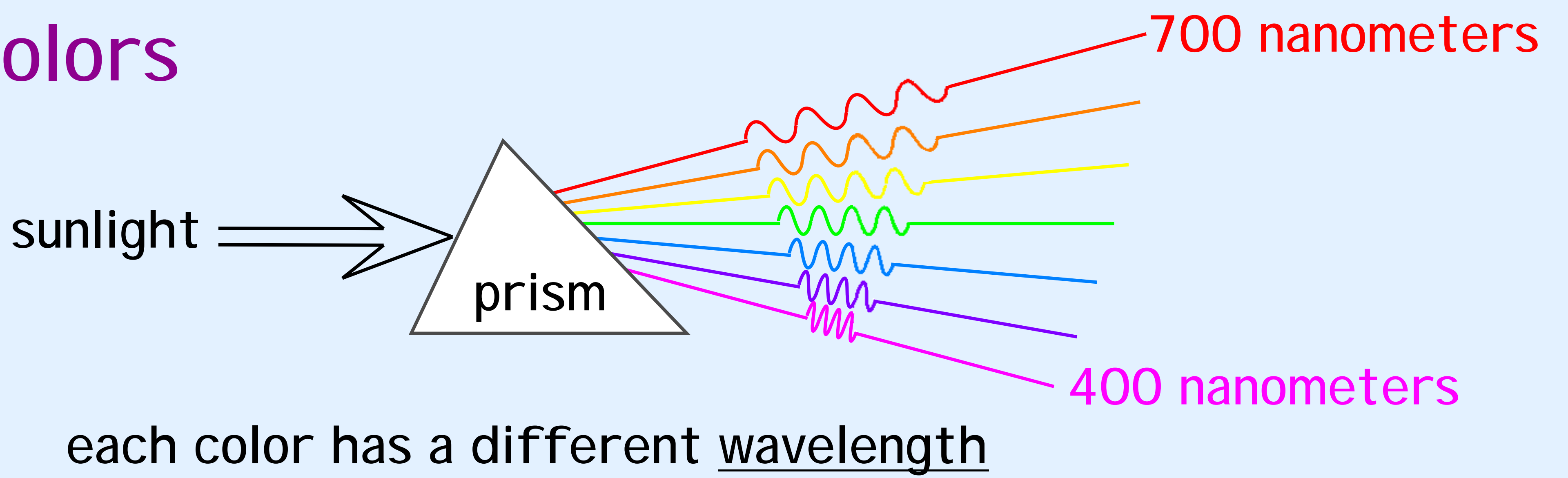
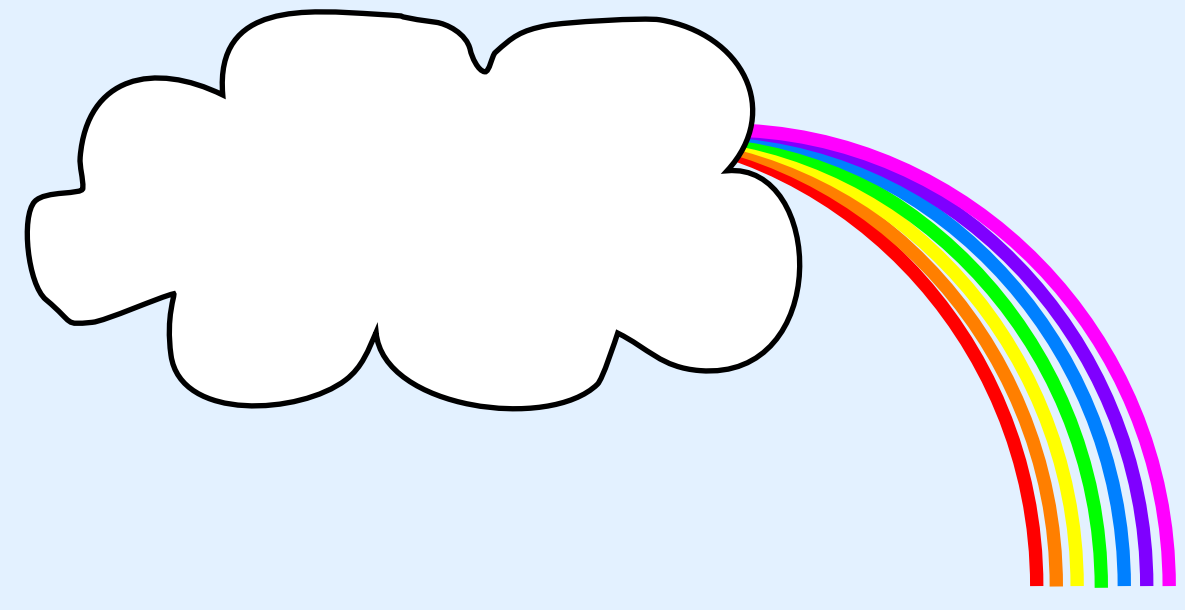


ENGINEERING

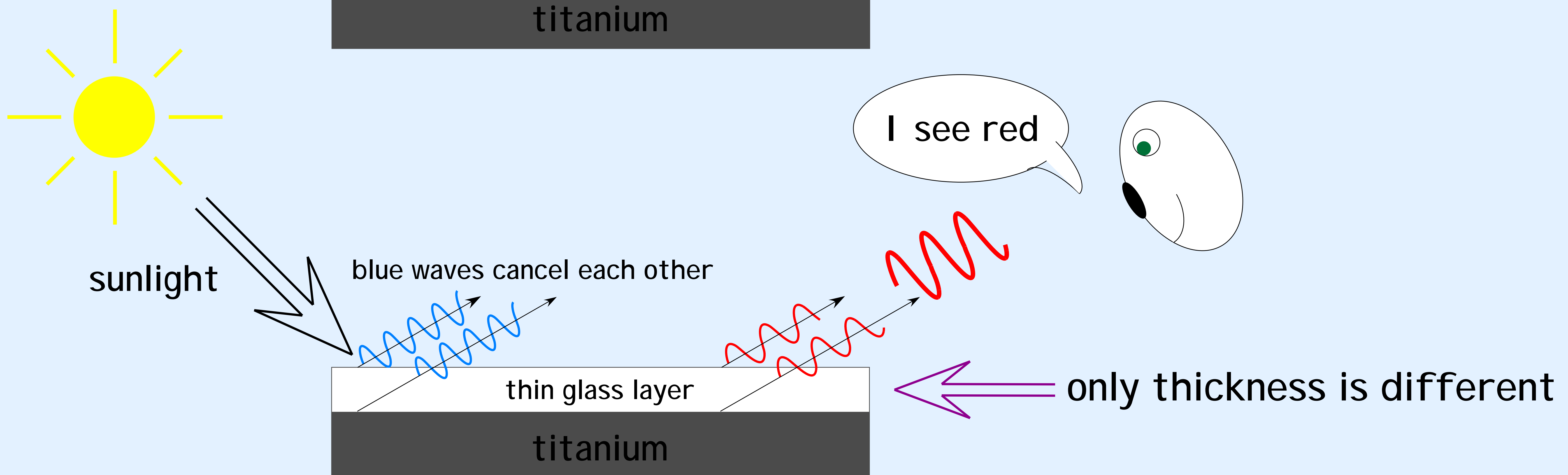
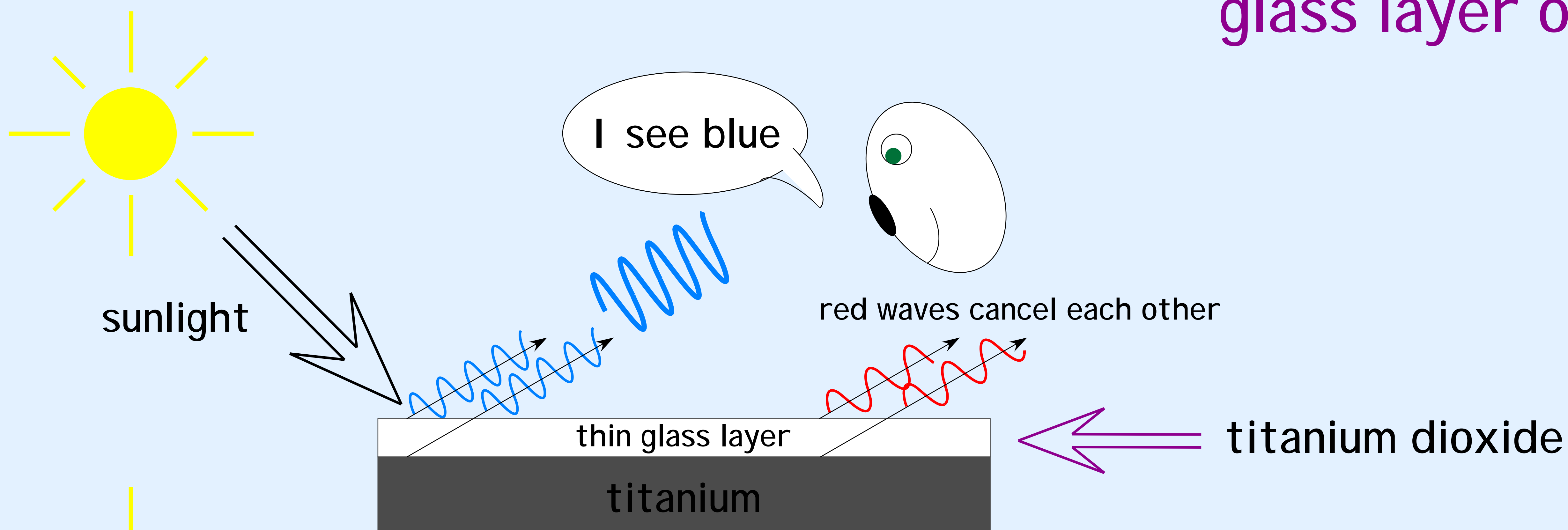
watch as dull gray titanium metal turns into colorful jewelry

Sunlight is made of many colors



raindrops or a clear glass prism allow us to see all the colors that are in sunlight

We'll make dull gray titanium colorful by putting a clear (???) glass layer on the surface.



We'll create the thin glass layer using electrochemistry to oxidize titanium (Ti) into titanium dioxide (TiO_2)

HOW THIN?

100s of nanometers

that's way thinner than a human hair

