

# What's My Mineral? Properties Chart

Name	Luster	Color	Streak	Hardness	Crystal System	Breakage Pattern	Chemical Classification	Other
Apatite	Nonmetallic	White if pure, green, brown, yellow, blue	White	5.0	Hexagonal	Fracture	Phosphate	Mohs hardness scale reference mineral
Biotite (Mica)	Nonmetallic	Dark brown, dark green, blackish-brown	White	2.5-3	Monoclinic	Cleavage	Silicate	Splits into strong, flexible sheets
Calcite	Nonmetallic	Colorless, white, pink, yellow, brown	White	3.0	Hexagonal	Cleavage	Carbonate	Mohs hardness scale reference mineral
Chalcoite	Metallic	Black, gray, blue-black	Grayish-black	2.5-3	Monoclinic	Fracture	Sulfide	Ore of copper
Chalcopyrite	Metallic	Brass yellow	Greenish-black	3.5	Tetragonal	Fracture	Sulfide	Ore of copper
Copper	Metallic	Copper-red, brown	Copper-red	2.5-3	Cubic	Fracture	Native Element	Good electrical conductor
Corundum	Nonmetallic	Colorless, blue, red, yellow, brown, gray	Colorless	9.0	Hexagonal	Fracture	Oxide	Mohs hardness scale reference mineral
Dolomite	Nonmetallic	White, gray, brown	White	3.5-4	Hexagonal	Cleavage	Carbonate	Used in ornamental building stone
Fluorite	Nonmetallic	Colorless if pure, yellow, green, red, blue, purple	White	4.0	Cubic	Cleavage	Halide	Mohs hardness scale reference mineral
Galena	Metallic	Gray	Grayish-black	2.5	Cubic	Cleavage	Sulfide	Ore of lead
Gold	Metallic	Pale to golden-yellow	Yellow	2.5-3	Cubic	Fracture	Native Element	Used in jewelry, resistant to tarnish
Graphite	Metallic	Black, gray	Black	1.5-2	Hexagonal	Cleavage	Native Element	Pencil lead, lubricant
Gypsum	Nonmetallic	White, colorless, gray, brown, yellow, green	White	2.0	Monoclinic	Cleavage	Sulfate	Mohs hardness scale reference mineral
Hematite	Metallic	Black, reddish-gray	Reddish-brown	6.5	Hexagonal	Fracture	Oxide	Ore of iron
Kaolinite	Nonmetallic	White, various shades of white	White	2.0	Triclinic	Cleavage	Silicate	Clay used in china and ceramics
Magnetite	Metallic	Black	Black	5.5-6	Cubic	Fracture	Oxide	Ore of iron
Malachite	Nonmetallic	Green, blackish-green	Light green	3.5-4	Monoclinic	Cleavage	Carbonate	Semi-precious stone used in jewelry
Microcline (Feldspar)	Nonmetallic	White, gray, pink, yellowish, green	White	6.0	Triclinic	Cleavage	Silicate	Mohs hardness scale reference mineral
Pyrite	Metallic	Pale brass yellow	Greenish-black	6.5	Cubic	Fracture	Sulfide	Known as "fool's gold"
Quartz	Nonmetallic	Colorless, brown, violet, gray, yellow, pink, white	White	7.0	Hexagonal	Fracture	Silicate	Mohs hardness scale reference mineral
Silver	Metallic	Silver-white	Silver-white	2.5-3	Cubic	Fracture	Native Element	Used in jewelry
Sulfur	Nonmetallic	Yellow, yellowish-brown, yellowish-gray	White	1.5-2.5	Orthorhombic	Fracture	Native Element	Used to make fertilizer and sulfuric acid
Talc	Nonmetallic	White, light green, blue, gray or brown	White	1.0	Monoclinic	Cleavage	Silicate	Mohs hardness scale reference mineral
Topaz	Nonmetallic	Colorless, pink, yellow, blue	White	8.0	Orthorhombic	Cleavage	Silicate	Mohs hardness scale reference mineral

# What's My Mineral? Playing Cards

 <p><b>Apatite</b></p>	 <p><b>Biotite (Mica)</b></p>	 <p><b>Calcite</b></p>	 <p><b>Chalcocite</b></p>	 <p><b>Chalcopyrite</b></p>	 <p><b>Copper</b></p>
 <p><b>Corundum</b></p>	 <p><b>Dolomite</b></p>	 <p><b>Fluorite</b></p>	 <p><b>Galena</b></p>	 <p><b>Gold</b></p>	 <p><b>Graphite</b></p>
 <p><b>Gypsum</b></p>	 <p><b>Hematite</b></p>	 <p><b>Kaolinite</b></p>	 <p><b>Magnetite</b></p>	 <p><b>Malachite</b></p>	 <p><b>Microcline (Feldspar)</b></p>
 <p><b>Pyrite</b></p>	 <p><b>Quartz</b></p>	 <p><b>Silver</b></p>	 <p><b>Sulfur</b></p>	 <p><b>Talc</b></p>	 <p><b>Topaz</b></p>