

# PHYSICAL PROPERTIES OF SOME COMMON MINERALS

## Metallic Luster

MINERAL	COLOR	STREAK	HARDNESS	CRYSTALS	BREAKAGE
GRAPHITE	black to gray	black to gray	1-2	hexagonal	scales
SILVER	silvery, white	light gray to silver	2.5	cubic	hackly
GALENA	gray	gray to black	2.5	cubic	perfect, cubic
GOLD	pale-golden yellow	yellow	2.5-3	cubic	hackly
COPPER	copper red	copper red	3	cubic	hackly
CHROMITE	black or brown	brown to black	5.5	cubic	irregular
MAGNETITE	black	black	6	cubic	conchoidal
PYRITE	light brassy yellow	greenish black	6.5	cubic	uneven

## Nonmetallic Luster

MINERAL	COLOR	STREAK	HARDNESS	CRYSTALS	BREAKAGE
TALC	white, greenish	white	1	monoclinic	in 1 direction
BAUXITE	gray, red, brown, white	gray	1-3	—	—
GYPSUM	colorless, gray, white	white	2	monoclinic	basal cleavage
SULFUR	yellow	yellow to white	2	orthorhombic	conchoidal
MUSCOVITE	white, gray, yellow, rose, green	colorless	2.5	monoclinic	basal cleavage
HALITE	colorless, red, white, blue	colorless	2.5	cubic	cubic
CALCITE	colorless, white	colorless, white	3	hexagonal	in 3 directions
DOLOMITE	colorless, white, pink, green, gray	white	3.5-4	hexagonal	in 3 directions
FLUORITE	colorless, white, blue, green, red, yellow, purple	colorless	4	cubic	cleavage
HORNBLLENDE	green to black	gray to white	5-6	monoclinic	in 2 directions
FELDSPAR	gray, green, white	colorless	6	monoclinic	2 planes
QUARTZ	colorless, colors	colorless	7	hexagonal	conchoidal
GARNET	yellow-red, green, black	colorless	7.5	cubic	conchoidal
TOPAZ (gemstone)	white, pink, yellow, blue, colorless	colorless	8	orthorhombic	basal
CORUNDUM (gemstone)	colorless, blue, brown, green, white, red, pink	colorless	9	hexagonal	fracture