

Mineral Identification Key (Some Common Minerals)

Mineral	Color	Luster	Streak	Hardness	Cleavage	Magnetic	Effervescence
Bauxite	Red, brown, yellow	Earthy, dull	Light brown, white	1-3	No	No	No
Calcite	Varies (1)	Vitreous, pearly	White	2.5-3	Yes (perfect, 3 directions)	No	Yes
Chalcopyrite	Yellow-gold	Metallic	Greenish-black	4	Yes (perfect, 1 direction)	No	No
Fluorite	Varies (2)	Vitreous	White	4	Yes (perfect, 4 directions)	No	No
Gypsum	Varies (3)	Vitreous, pearly	White	2	Yes (perfect, 1 direction)	No	No
Hematite	Red-brown, gray, black	Metallic	Reddish-brown	5-6	No	Sometimes	No
Magnetite	Black	Metallic	Black	6	No	Yes	No
Microcline (Feldspar)	Varies (4)	Vitreous, pearly	White	6	Yes (90 angle)	No	No
Muscovite (Mica)	Black, brown, silver	Vitreous, pearly	White	2.5-3	Yes (perfect, 1 direction)	No	No
Pyrite	Yellow-gold	Metallic	Greenish-black	6	No	No	No
Quartz	Varies (5)	Vitreous	White	7	No	No	No
Talc	Gray, white	Pearly, greasy	White	1	Yes (perfect, 1 direction)	No	No

(1) white, colorless, brown, green, black
 (2) white, colorless, purple, pink, yellow, brown

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(3) clear, colorless, white, grey, yellow, red, brown

(4) pink, gray, white, red, green, blue, colorless, black

(5)light green, purple, yellow, colorless