

# Glaucophane

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**General Mineral Formula:**  $\text{Na}_2\text{Mg}_3\text{Al}_2\text{Si}_8\text{O}_{22}(\text{OH})_2$

**Mineral Chemical Class:** Inosilicates : clinoamphibole

**Specific Gravity:** 3.0-3.1

**Hardness:** 5.5-6.0

**Cleavage:** 1,2

**Luster:** Vitreous, pearly

**Streak:** Grayish, blue

**Characteristic Color(s):** Blue, dark blue. Black with blue overtones

**Crystal System:** Monoclinic

**Crystal Class:**

**Crystal Description (common forms, habit, etc.):** Usually prismatic with diamond shaped cross section. Often platy in small groups of prismatic crystals. Fibrous, massive. Striated lengthwise.

**Environment (where you find the material):** Metamorphic schists and eclogites. Its component of blue schist rock is responsible for its blue color.

**Common Mineral Associations** (in samples, also consult text,  
notes: Muscovite (Fuschite), Epidote, Actinolite, Jadeite

**Scientific Usage/Significance:**

**Industrial or Social Use/Significance:**

**Environmental Significance:**