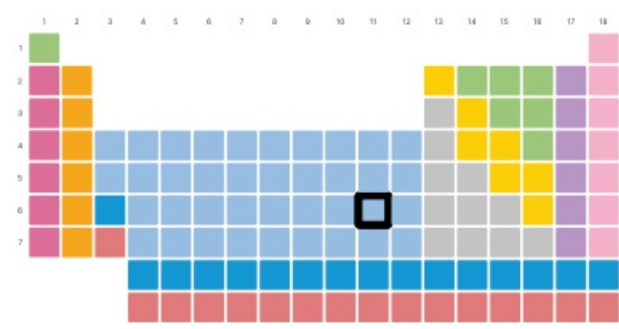


Gold

Transition Metal



Symbol

Au

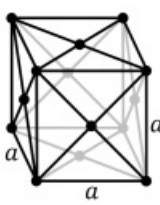
Atomic radius (pm)

174

Phase - Solid



Crystal Structure



Face Centered Cubic

Atomic number

79

Melting Point (K)

1337.33

History

The element Gold was discovered by Bulgaria in year Before 6000 BCE in . Gold was first isolated by Varna Necropolis in ca. 4400 BCE . Gold derived its name from English word (aurum in Latin).

Appearance

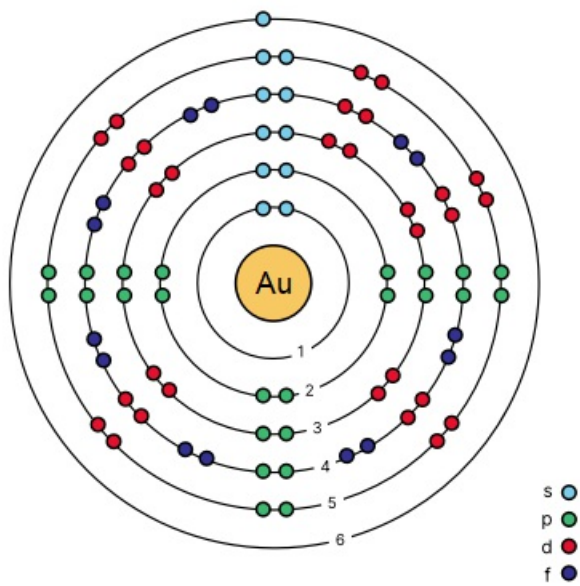
metallic yellow

Atomic weight (amu)

196.96

Boiling Point (K)

3129



[Xe] 4f14 5d10 6s1
[2, 8, 18, 32, 18, 1]

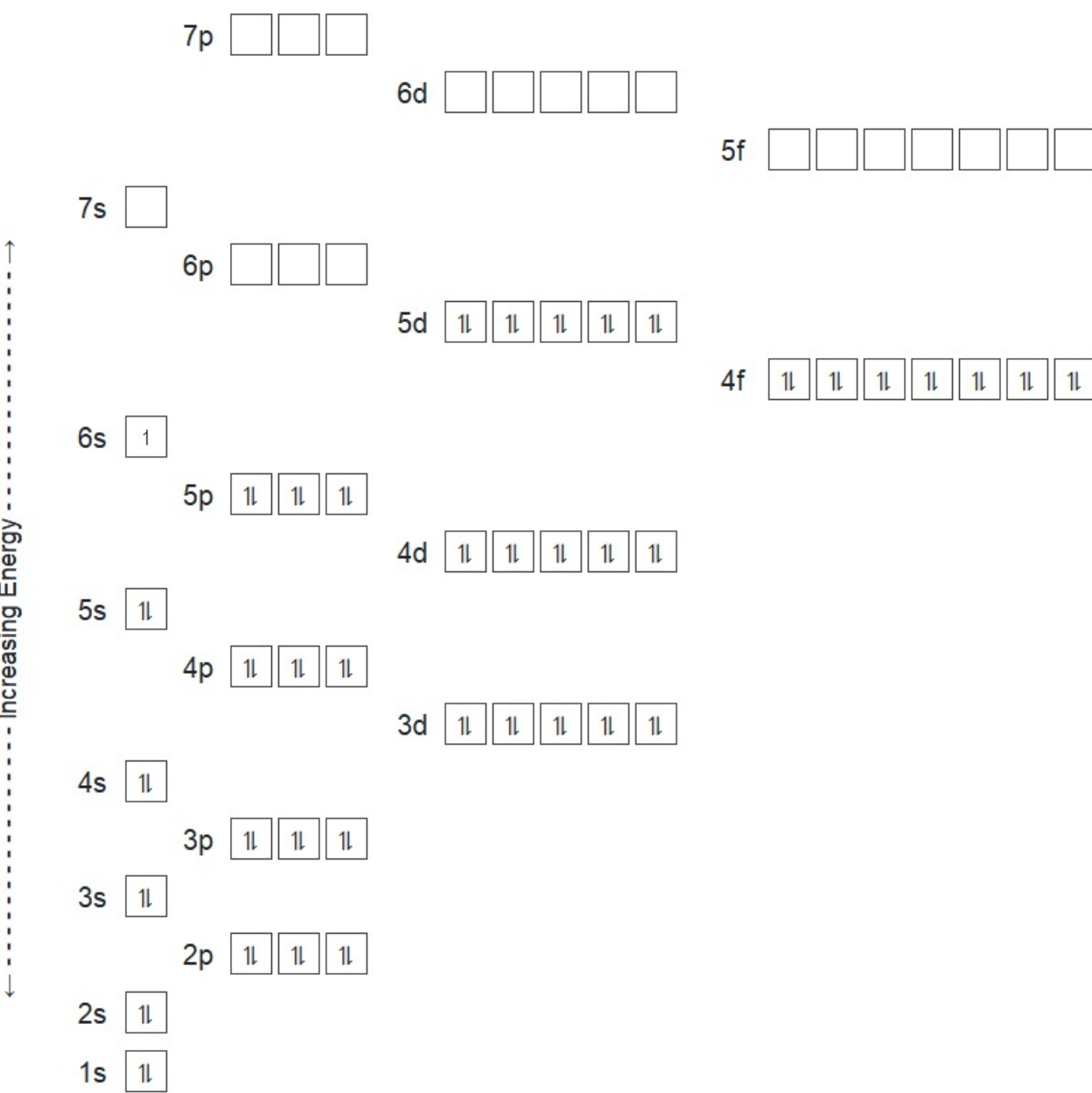
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Gold

Transition Metal

Electronic Configuration



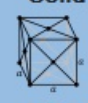
79

196.96655

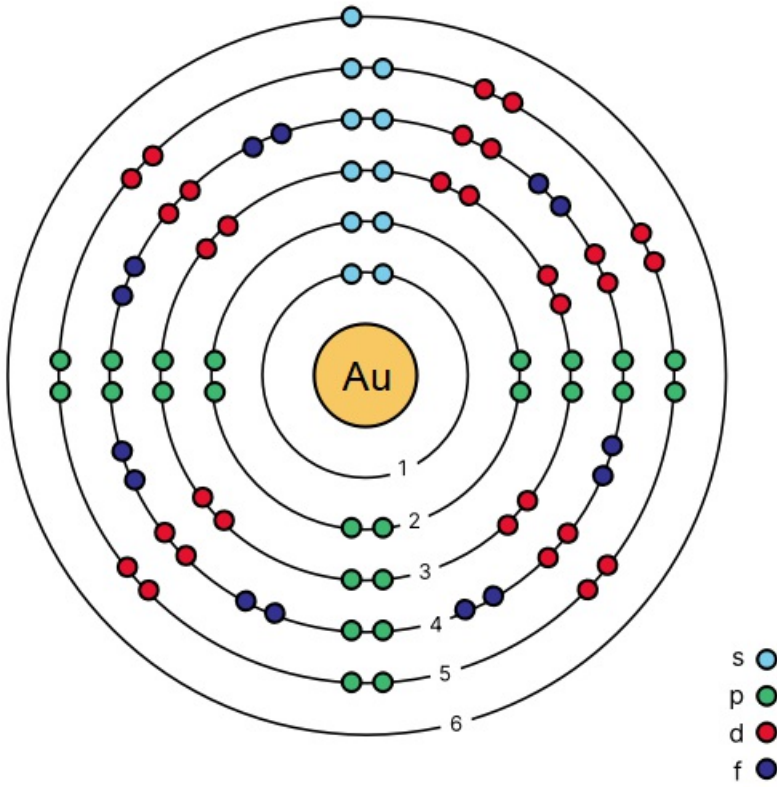
Au

Gold


Solid


Face Centered Cubic

[Xe] 4f14 5d10 6s1



[Xe] 4f14 5d10 6s1
[2, 8, 18, 32, 18, 1]

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