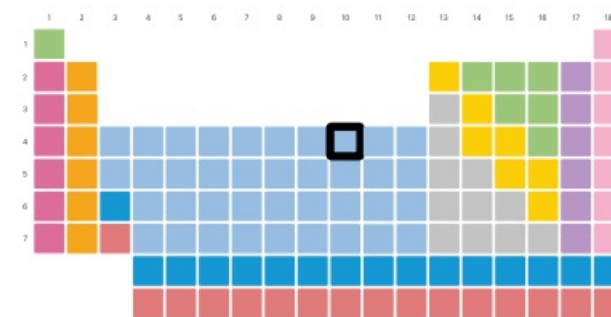


# Nickel

## Transition Metal



Symbol

**Ni**

Atomic number

**28**

Atomic weight (amu)

**58.69**

Atomic radius (pm)

**149**

Melting Point (K)

**1728**

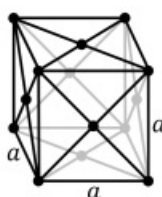
Boiling Point (K)

**3186**

Phase - Solid



Crystal Structure



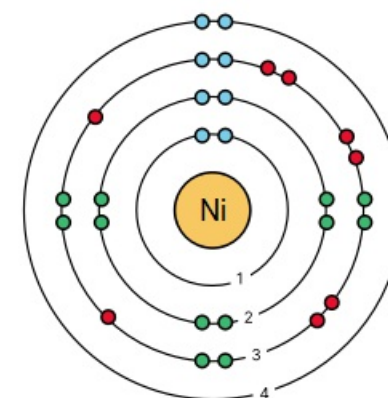
Face Centered Cubic

### History

The element Nickel was discovered by F. Cronstedt in year 1751 in Sweden . Nickel was first isolated by F. Cronstedt in 1751 . Nickel derived its name from Swedish kopparnickel, containing the German word Nickel, 'goblin'.

### Appearance

lustrous, metallic, and silver with a gold tinge



s ●  
p ●  
d ●

[Ar] 3d<sup>8</sup> 4s<sup>2</sup>  
[2, 8, 16, 2]

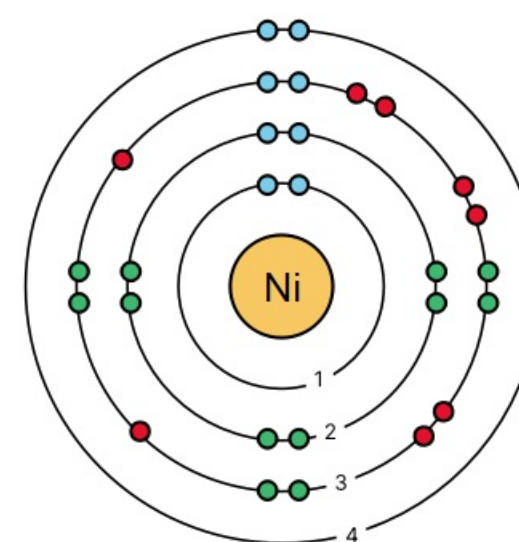
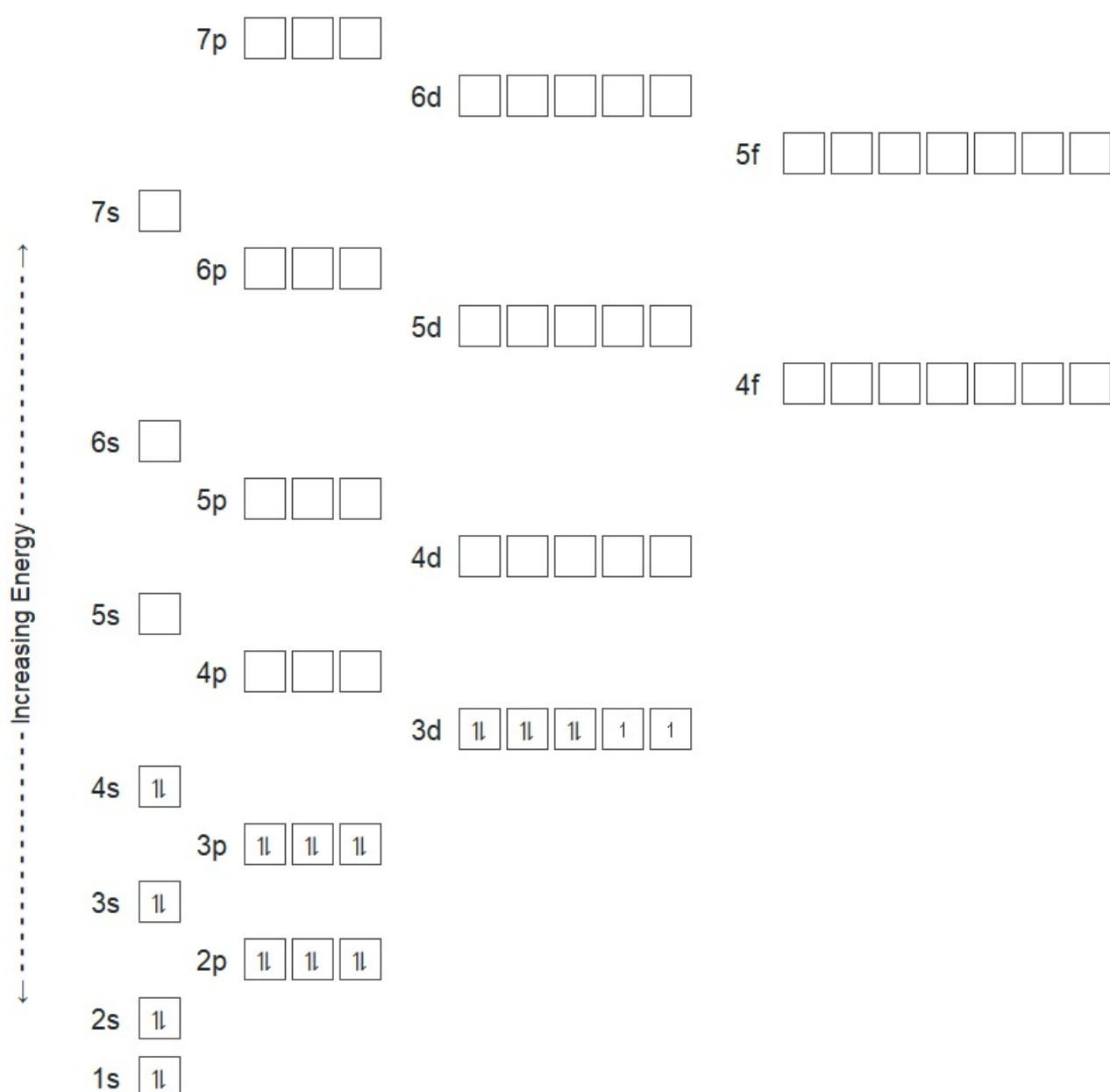
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# Nickel

## Transition Metal

Electronic Configuration



s ●  
p ●  
d ●

[Ar] 3d<sup>8</sup> 4s<sup>2</sup>  
[2, 8, 16, 2]

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