

# Chemical Elements

## Some chemical elements, their symbol and oxidation state.

Hydrogen H (on.= +/-1)

### Alkali metals (on.= +1)

Lithium Li  
Sodium Na  
Potassium K

### Alkaline-earth metals (on.= +2)

Beryllium Be  
Magnesium Mg  
Calcium Ca

### Earth metals (on.=+3)

Boron B  
Aluminium Al

### Group IV (on.= +2,+4)

Carbon C (+2,+/- 4)  
Silicon Si  
  
Tin Sn  
Lead Pb

### Group V (on.=+3,+5)

Nitrogen N (-3 to +5)  
Phosphorus P  
Arsenic As

### Group VI (on.=+4,+6)

Oxygen O (on.= -2)  
Sulphur S

### Halogens (on.=+/-1,+3,+5,+7)

Fluorine F (on.= -1)  
Chlorine Cl  
Bromine Br  
Iodine I

### Noble Gases (0)

Helium He  
Neon Ne  
Argon Ar

### Transition Metals

(on.=+1) Silver Ag

(on.=+2) Zinc Zn

(on.=+1,+2) Copper Cu  
Mercury Hg

(on.=+1,+3) Gold Au

(on.=+2,+3) Iron Fe  
Cobalt Co  
Nickel Ni