

Hydrogen	H	1				
Helium	He	2				
Lithium	Li	2	1			
Beryllium	Be	2	2			
Boron	B	2	3			
Carbon	C	2	4			
Nitrogen	N	2	5			
Oxygen	O	2	6			
Fluorine	F	2	7			
Neon	Ne	2	8			
Sodium	Na	2	8	1		
Magnesium	Mg	2	8	2		
Aluminum	Al	2	8	3		
Silicon	Si	2	8	4		
Phosphorus	P	2	8	5		
Sulfur	S	2	8	6		
Chlorine	Cl	2	8	7		
Argon	Ar	2	8	8		
Potassium	K	2	8	8	1	
Calcium	Ca	2	8	8	2	
Scandium	Sc	2	8	9	2	
Titanium	Ti	2	8	10	2	
Vanadium	V	2	8	11	2	
Chromium	Cr	2	8	13	1	
Manganese	Mn	2	8	13	2	
Iron	Fe	2	8	14	2	
Cobalt	Co	2	8	15	2	
Nickel	Ni	2	8	16	2	
Copper	Cu	2	8	18	1	
Zinc	Zn	2	8	18	2	
Gallium	Ga	2	8	18	3	
Germanium	Ge	2	8	18	4	
Arsenic	As	2	8	18	5	
Selenium	Se	2	8	18	6	
Bromine	Br	2	8	18	7	
Krypton	Kr	2	8	18	8	
Rubidium	Rb	2	8	18	8	1
Strontium	Sr	2	8	18	8	2
Yttrium	Y	2	8	18	9	2
Zirconium	Zr	2	8	18	10	2
Niobium	Nb	2	8	18	12	1
Molybdenum	Mo	2	8	18	13	1
Technetium	Tc	2	8	18	13	2
Ruthenium	Ru	2	8	18	15	1
Rhodium	Rh	2	8	18	16	1
Palladium	Pd	2	8	18	18	
Silver	Ag	2	8	18	18	1

Cadmium	Cd	2	8	18	18	2	
Indium	In	2	8	18	18	3	
Tin	Sn	2	8	18	18	4	
Antimony	Sb	2	8	18	18	5	
Tellurium	Te	2	8	18	18	6	
Iodine	I	2	8	18	18	7	
Xenon	Xe	2	8	18	18	8	
Cesium	Cs	2	8	18	18	8	1
Barium	Ba	2	8	18	18	8	2
Lanthanum	La	2	8	18	18	8	2
Cerium	Ce	2	8	18	18	9	2
Praseodymium	Pr	2	8	18	21	8	2
Neodymium	Nd	2	8	18	22	8	2
Promethium	Pm	2	8	18	23	8	2
Samarium	Sm	2	8	18	24	8	2
Europium	Eu	2	8	18	25	8	2
Gadolinium	Gd	2	8	18	25	9	2
Terbium	Tb	2	8	18	27	8	2
Dysprosium	Dy	2	8	18	28	8	2
Holmium	Ho	2	8	18	29	8	2
Erbium	Er	2	8	18	0	8	2
Thullium	Tm	2	8	18	31	8	2
Ytterbium	Yb	2	8	18	32	8	2
Lutetium	Lu	2	8	18	32	9	2
Hafnium	Hf	2	8	18	32	10	2
Tantalum	Ta	2	8	18	32	11	2
Tungsten	W	2	8	18	32	12	2
Rhenium	Re	2	8	18	32	13	2
Osmium	Os	2	8	18	32	14	2
Iridium	Ir	2	8	18	32	15	2
Platinum	Pt	2	8	18	32	17	1
Gold	Au	2	8	18	32	18	1
Mercury	Hg	2	8	18	32	18	2
Thallium	Tl	2	8	18	32	18	3
Lead	Pb	2	8	18	32	18	4
Bismuth	Bi	2	8	18	32	18	5
Polonium	Po	2	8	18	32	18	6
Astatine	At	2	8	18	32	18	7
Radon	Rn	2	8	18	32	18	8
Francium	Fr	2	8	18	32	18	8
Radium	Ra	2	8	18	32	18	8
Actinium	Ac	2	8	18	32	18	9
Thorium	Th	2	8	18	32	18	10
Protactinium	Pa	2	8	18	32	20	9
Uranium	U	2	8	18	32	21	9
Neptunium	Np	2	8	18	32	22	9
Plutonium	Pu	2	8	18	32	24	8

Americium	Am	2	8	18	32	25	8
Curium	Cm	2	8	18	32	25	9
Berkelium	Bk	2	8	18	32	26	9
Californium	Cf	2	8	18	32	28	8
Einsteinium	Es	2	8	18	32	29	8
Fermium	Fm	2	8	18	32	30	8

colorless
colorless
silver
grey
black
black
colorless
colorless
pale yellow
colorless
silver
silver
silvery-white
grey
colorless
yellow
greenish-yellow
colorless
silver
silver
silver
silvery-white
silvery-white
silver
grey
silver
light gray, blue
grey
reddish-brown
blue-white
silver
grey
silver
grey
red
colorless
silver
silver
silver
grey-white
grey-blue
silver
silver
white
silver
white
silver

2 silver

2 silver
2 silvery-white
2 silver
2 silver
2 silver
2 unknown