| Color | Alkali Metals | Alkaline Earth Metals | Transition Metals | Boron Family | Carbon Family | Nitrogen Family | Oxygen Family | Halogen Family | Noble Gases | Rare Earth Metals |
|---|---|---|---|---|---|---|---|---|---|---|
| Element Symbols | Group 1 | Group 2 | 21-30, 39-48, 72-80, 104-112 | Group 3 | Group 4 | Group 5 | Group 6 | Group 7 | Group 8 | 57-71, 89-103 |
| Phases(s) | S L G | S L G | S L G | S L G | S L G | S L G | S L G | S L G | S L G | |
| # of Valence Electrons | | | | | | | | | | |
| (M) Metal (NM) Non-metal (MD) Metalloid | | | | | | | | | | 57-71 Metals 89-103 Radioactive |
| Reactivity | | | | | | | | | | 57-71 Metals 89-103 Radioactive |
| Examples | | | | | | | | | | |