

ANSI Safety Colors

Engineering Concepts

ANSI

- The American National Standards Institute has served as administrator of the US private sector standardization system for more than 90 years.
- Accredits standards that are developed by different organizations, private or government
- The standards ensure that the characteristics and performance of products are consistent, that people use the same definitions and terms, and that products are tested the same way.

Red

- Safety Red means Danger and/or Stop.
- Common equipment or occurrences in a lab:
 - Fire protection equipment
 - Containers of flammable liquids
 - Stop bars and switches on machinery
 - Fire alarm boxes
 - Fire exit signs
 - Blanket boxes
 - Extinguishers
 - Sirens

Yellow

- Safety Yellow designates caution.
- Common equipment or occurrences in a lab:
 - Caution, physical hazard
 - Handrails, guardrails
 - Exposed, unguarded edges
 - Exposed edges of platforms and curbing
 - Doorway projections
 - Low beams
- Yellow and black stripes or yellow and black checkers are used to mark traffic patterns

Orange

- Safety Orange identifies dangerous or parts of machines or energized equipment.
- Common equipment or occurrences in a lab:
 - Exposed parts of pulleys
 - Gears
 - Cutting devices
 - Safety starting buttons
 - Inside of movable guards
 - Electrical switch boxes
 - Fuse boxes

Green

- Safety Green designates safety and the location of first aid and safety equipment.
 - First aid dispensers
 - First aid kits
 - Eye wash station
 - Safety showers
 - Other safety equipment
 - Safety instruction signs

Blue

- Safety Blue identifies safety information used on informational signs and bulletin boards.

Purple

- Safety Purple represents Radiation Hazards

References

- Lab Safety Supply Inc.-
<http://www.labsafety.com/refinfo/ezfacts/ezf201.htm>
- Engineering Toolbox-
http://www.engineeringtoolbox.com/safety-signals-d_359.html