

ANSI Z535.1 Safety Colors

Comprehensive Reference Guide for Web and Print

This document outlines the standard safety colors defined by the **ANSI Z535.1** (American National Standard for Safety Colors) specification. These color codes establish a uniform system for safety signs, labels, tags, and floor markings to communicate hazards consistently. The PANTONE® (PMS) values provided are the harmonized standard approximations, accompanied by their corresponding RGB and HEX breakdowns for digital reproduction and web design.

Primary Hazard & Safety Colors



Safety Red

DANGER / Stop / Fire

Used for immediate hazards with a high likelihood of death or serious injury, emergency stops, and fire protection equipment.

PMS: PANTONE 186 C
RGB: 200, 16, 46
HEX: #C8102E



Safety Orange

WARNING

Marks potentially life-threatening situations, hazardous machine parts, crush points, or energized equipment.

PMS: PANTONE 151 C
RGB: 255, 130, 0
HEX: #FF8200



Safety Yellow

CAUTION

Warns against general hazards, potential moderate injury, trip/fall risks, and cautionary conditions.

PMS: PANTONE 109 C
RGB: 255, 209, 0
HEX: #FFD100



Safety Green

SAFETY / First Aid

Identifies safe conditions, emergency exits, first aid stations, and safety-related instructions.

PMS: PANTONE 335 C
RGB: 0, 118, 67
HEX: #007643



Safety Blue

NOTICE / Mandatory Action

Provides non-hazard information, general facility notices, and specific required behaviors (e.g. mandatory PPE).

PMS: PANTONE 285 C
RGB: 0, 114, 206
HEX: #0072CE



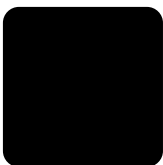
Safety Purple

RADIATION HAZARD

Specifies ionizing radiation hazards, equipment that emits radiation, and areas containing radioactive materials.

PMS: PANTONE 259 C
RGB: 109, 32, 119
HEX: #6D2077

Supporting & Legacy Colors



Safety Black

Structure / Contrast

Supporting color used for text, borders, negative space contrast, and safety pictograms.

PMS: Process Black C
RGB: 0, 0, 0
HEX: #000000



Safety White

Background / Contrast

Supporting color used for negative space, general sign backgrounds, and text over dark panels.

PMS: Opaque White
RGB: 255, 255, 255
HEX: #FFFFFF



Safety Brown

Legacy / Special Use

Historically used for combustible materials.

Removed as a primary safety color in the Z535.1-2017 revision.

PMS: PANTONE
168 C

RGB: 101,
49, 13

HEX: #65310D



Safety Gray

Legacy / Special Use

Historically used for general machinery markings.

Removed as a primary safety color in the Z535.1-2017 revision.

PMS: PANTONE
430 C

RGB: 124,
135,
142

HEX: #7C878E

Note: The PANTONE® (PMS) values listed are approximate matches recommended for accurate reproduction of ANSI Z535.1 standards. RGB and HEX values are standard digital space interpretations of those exact PMS coordinates.