Converting Colors

RGB(225, 225, 232)

Have a look what the booklet for RGB(225, 225, 232) contains.

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Color

RGB(225, 225, 232)

Conversions

Format	Color
Hex	E1E1E8
RGB	225, 225, 232
RGB Percent	88%, 88%, 91%
CMY	0.1176, 0.1176, 0.0902
CMYK	0.03, 0.03, 0.00, 0.09
HSL	240°, 13%, 90%
HSV	240°, 3%, 91%
XYZ	72.5420, 75.6842, 87.1291
YIQ	225.7980, -2.2470, 2.1770

Conversions Part 1

Conversions

Conversions Part 2

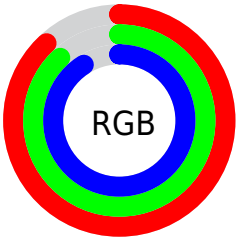
Format	Color
RYB	225, 225, 232
Decimal	14803432
CIELab	89.71, 1.28, -3.42
CIELCh	90, 3.648, 290.493
Yxy	75.6842, 0.3082, 0.3216
Android (android.graphics.Color)	4292993512 (0xFFE1E1E8)
YUV	225.7980, 3.0576, -0.6998
Hunter-Lab	86.9967, -3.4022, 1.5174

Details

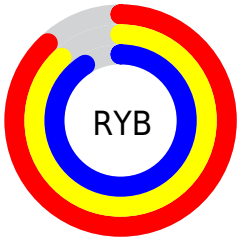
The RGB color 225, 225, 232 is a light color, and the websafe version is hex CCCCCC. A complement of this color would be 232, 232, 225, and the grayscale version is 226, 226, 226.

A 20% lighter version of the original color is 255, 255, 255, and 170, 170, 176 is the 20% darker color. If you saturate the color by 10%, you get 202, 202, 232, and if you desaturate by 10%, it is 248, 248, 232.

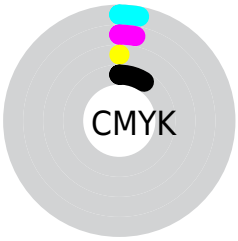
Distribution



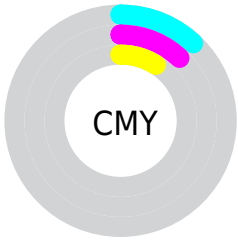
- Red (88%)
- Green (88%)
- Blue (91%)



- Red (88%)
- Yellow (88%)
- Blue (91%)



- Cyan (3%)
- Magenta (3%)
- Yellow (0%)
- Black (9%)



- Cyan (12%)
- Magenta (12%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the RGB color 225, 225, 232 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the RGB color 225, 225, 232 by changing the saturation by 10% instead.

225, 225, 232	225, 225, 232
255, 255, 255	197, 197, 204
	170, 170, 176
	143, 143, 150
	118, 118, 124
	93, 93, 99
	70, 70, 75
	47, 47, 53
	26, 27, 31
	0, 0, 7

225, 225, 232

225, 225, 232

202, 202, 232

248, 248, 232

179, 179, 232

255, 255, 232

155, 155, 232

132, 132, 232

109, 109, 232

86, 86, 232

63, 63, 232

39, 39, 232

16, 16, 232

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.

221, 226, 232

225, 225, 232

229, 224, 230

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.

225, 225, 232

233, 224, 220

219, 228, 224

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.

225, 225, 232

232, 232, 225

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.

222, 227, 221

225, 225, 232

230, 225, 219

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.

225, 225, 232

233, 223, 223

226, 226, 219

217, 228, 228

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.

225, 225, 232

231, 224, 228

226, 226, 219

220, 227, 223

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.

225, 225, 232

252, 252, 255

225, 232, 232

126, 126, 128

0, 0, 0

128, 128, 128

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.

225, 225, 232

245, 245, 255

229, 225, 232

109, 109, 115

0, 0, 179

0, 0, 51

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.

232, 225, 232

255, 245, 255

229, 232, 225

115, 109, 115

179, 0, 179

51, 0, 51

Previews

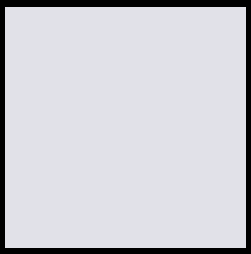
White Background

This preview shows how the RGB color 225, 225, 232 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail
Any Text WCAG AA × Fail
Large Text (above 18pt) WCAG AAA × Fail
Any Text WCAG AAA × Fail

Black Background



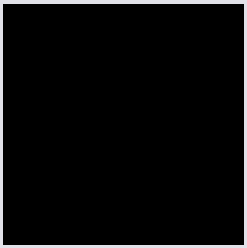
This preview shows how the RGB color 225, 225, 232 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the Color Contrast Checker.

RGB 225, 225, 232 Background



This preview shows how black text looks on a background with the RGB color 225, 225, 232.

This preview shows how white text looks on a background with the RGB color 225, 225, 232.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their article about color blindness.

Dichromacy

Original Color
225, 225, 232

Protanopia
228, 224, 232

Deuteranopia
244, 219, 233

Tritanopia
226, 224, 241

Trichromacy

Original Color
225, 225, 232

Protanomaly
227, 224, 232

Deuteranomaly
237, 221, 233

Tritanomaly
226, 224, 238

Monochromacy

Original Color
225, 225, 232

Achromatopsia
226, 226, 226

Achromatomaly
226, 226, 228

CSS Examples

Text

The CSS property to change the color of the text to RGB 225, 225, 232 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color rgb(225, 225, 232) looks like.

```
.text, #text, p{
    color:rgb(225, 225, 232)
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our CSS Text Shadow Generator.

Here you see how black text with a 4 pixel rgb(225, 225, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 225, 232) }
```

Border

The CSS property to change the border of an element to RGB 225, 225, 232 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(225, 225, 232) }
```

If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(225, 225, 232) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(225, 225, 232) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(225, 225, 232); -webkit-box-shadow:4px 4px 4px 4px rgb(225, 225, 232); box-shadow:4px 4px 4px 4px rgb(225, 225, 232) }
```

Background

The CSS property to change the background color of an element to RGB 225, 225, 232 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(225, 225, 232) }
```

If only the background color should be changed can be used:

```
.background{ background-color:rgb(225,
225, 232) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our online CSS compressor and optimizer based on csstidy. If you want to create a linear or radial gradient as background or border, check our CSS Gradient Generator.

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