

Converting Colors

RGB(217, 217, 234)

Have a look what the booklet for
RGB(217, 217, 234) contains.

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Color

RGB(217, 217, 234)

Conversions

Conversions Part 1

Format	Color
Hex	D9D9EA
RGB	217, 217, 234
RGB Percent	85%, 85%, 92%
CMY	0.1490, 0.1490, 0.0824
CMYK	0.07, 0.07, 0.00, 0.08
HSL	240°, 29%, 88%
HSV	240°, 7%, 92%
XYZ	68.2794, 70.3179, 87.8159
YIQ	218.9380, -5.4570, 5.2870

Conversions

Conversions Part 2

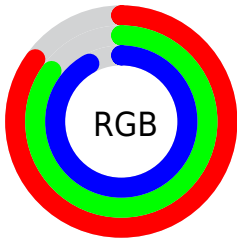
Format	Color
R _Y B	217, 217, 234
Decimal	14277098
CIE Lab	87.15, 3.18, -8.32
CIE LCh	87, 8.904, 290.924
Yxy	70.3179, 0.3016, 0.3106
Android (android.graphics.Color)	4292467178 (0xFFD9D9EA)
YUV	218.9380, 7.4256, -1.6996
Hunter-Lab	83.8558, -1.4044, -3.3909

Details

The RGB color **217, 217, 234** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **234, 234, 217**, and the grayscale version is **219, 219, 219**.

A 20% lighter version of the original color is **255, 255, 255**, and **162, 162, 178** is the 20% darker color. If you saturate the color by 10%, you get **194, 194, 234**, and if you desaturate by 10%, it is **240, 240, 234**.

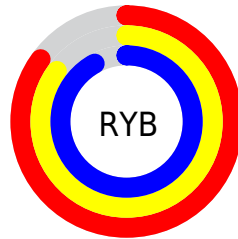
Distribution



Red (85%)

Green (85%)

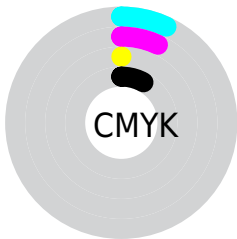
Blue (92%)



Red (85%)

Yellow (85%)

Blue (92%)

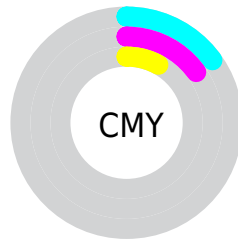


Cyan (7%)

Magenta (7%)

Yellow (0%)

Black (8%)



Cyan (15%)

Magenta (15%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the RGB color 217, 217, 234 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 217, 217, 234 by changing the saturation by 10% instead.

■ 217, 217, 234

255, 255, 255

■ 217, 217, 234

■ 189, 189, 206

■ 162, 162, 178

■ 136, 136, 152

■ 110, 111, 126

■ 86, 86, 101

■ 63, 63, 77


■ 41, 41, 54

■ 20, 21, 33


■ 0, 0, 8

 217, 217, 234


 217, 217, 234


 194, 194, 234


 240, 240, 234

 170, 170, 234

 255, 255, 234

 147, 147, 234

 123, 123, 234

 100, 100, 234

 77, 77, 234

 53, 53, 234

 30, 30, 234

 6, 6, 234

Harmonies

Analogous

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



207, 220, 235



217, 217, 234



227, 214, 229

Triad

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



217, 217, 234



235, 214, 205



201, 223, 215

Complementary

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



217, 217, 234



234, 234, 217

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.



209, 222, 207



217, 217, 234



228, 217, 202

Square

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



217, 217, 234



237, 213, 213



219, 220, 203



198, 223, 224

Rectangle

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



217, 217, 234



232, 213, 224



219, 220, 203



204, 223, 213

Sweetspot

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



217, 217, 234



250, 250, 255



217, 234, 234



125, 125, 128



0, 0, 0



128, 128, 128

Same Dimension

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



217, 217, 234



232, 232, 255



226, 217, 234



106, 106, 117



0, 0, 181



0, 0, 54

Inverse Universe

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



234, 217, 234



255, 232, 255



226, 234, 217



117, 106, 117



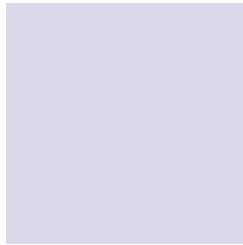
181, 0, 181



54, 0, 54

Previews

White Background



This preview shows how the RGB color 217, 217, 234 looks on a white background.

Color Contrast Check

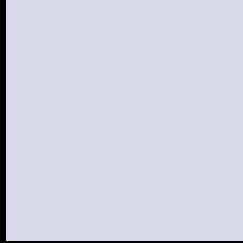
Large Text (above 18pt) WCAG AA × Fail

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 217, 217, 234 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

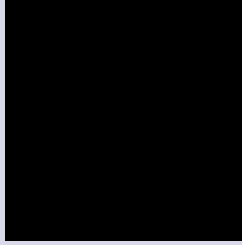
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

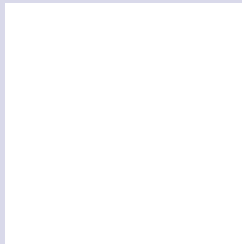
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RGB 217, 217, 234 Background



This preview shows how black text looks on a background with the RGB color 217, 217, 234.

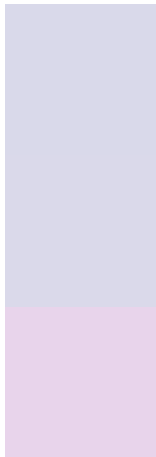


This preview shows how white text looks on a background with the RGB color 217, 217, 234.

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
217, 217, 234

Protanopia
218, 217, 234

Deuteranopia
232, 212, 235



Tritanopia
217, 217, 234

Trichromacy



Original Color
217, 217, 234

Protanomaly
218, 217, 234

Deuteranomaly
227, 214, 235

Tritanomaly
217, 217, 234

Monochromacy



Original Color
217, 217, 234

Achromatopsia
219, 219, 219

Achromatomaly
218, 218, 224

CSS Examples

Text

The CSS property to change the color of the text to RGB 217, 217, 234 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(217, 217, 234)` looks like.

```
.text, #text, p{  
    color:rgb(217, 217, 234)  
}
```

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(217, 217, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 217, 234) }
```

Border

The CSS property to change the border of an element to RGB 217, 217, 234 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(217, 217, 234) }
```

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

```
.border{ border-color:rgb(217, 217, 234) }
```

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

Here you see how a box with a 4 pixel rgb(217, 217, 234) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 217, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 217, 234);  
box-shadow:4px 4px 4px 4px rgb(217, 217,  
234) }
```

Background

The CSS property to change the background color of an element to RGB 217, 217, 234 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 217, 234) }
```

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

```
.background{ background-color: rgb(217,  
217, 234) }
```

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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