

Converting Colors

RGB(218, 218, 230)

Have a look what the booklet for
RGB(218, 218, 230) contains.

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Color

RGB(218, 218, 230)

Conversions

Conversions Part 1

Format	Color
Hex	DADAE6
RGB	218, 218, 230
RGB Percent	85%, 85%, 90%
CMY	0.1451, 0.1451, 0.0980
CMYK	0.05, 0.05, 0.00, 0.10
HSL	240°, 19%, 88%
HSV	240°, 5%, 90%
XYZ	68.2678, 70.7614, 84.9231
YIQ	219.3680, -3.8520, 3.7320

Conversions

Conversions Part 2

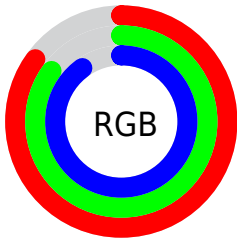
Format	Color
R _Y B	218, 218, 230
Decimal	14342886
CIE Lab	87.37, 2.22, -5.88
CIE LCh	87, 6.283, 290.710
Yxy	70.7614, 0.3048, 0.3160
Android (android.graphics.Color)	4292532966 (0xFFDADAE6)
YUV	219.3680, 5.2416, -1.1997
Hunter-Lab	84.1198, -2.3472, -0.9724

Details

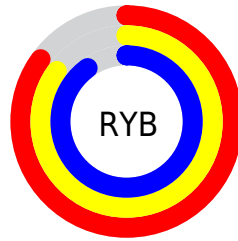
The RGB color **218, 218, 230** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **230, 230, 218**, and the grayscale version is **219, 219, 219**.

A 20% lighter version of the original color is **255, 255, 255**, and **163, 163, 175** is the 20% darker color. If you saturate the color by 10%, you get **195, 195, 230**, and if you desaturate by 10%, it is **241, 241, 230**.

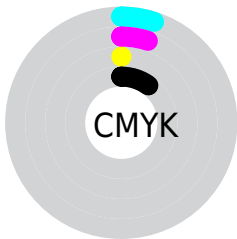
Distribution



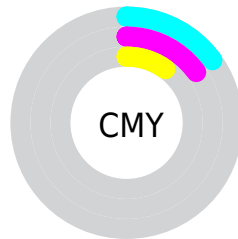
- Red (85%)
- Green (85%)
- Blue (90%)



- Red (85%)
- Yellow (85%)
- Blue (90%)



- Cyan (5%)
- Magenta (5%)
- Yellow (0%)
- Black (10%)



- Cyan (15%)
- Magenta (15%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the RGB color 218, 218, 230 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 218, 218, 230 by changing the saturation by 10% instead.

■ 218, 218, 230

255, 255, 255

■ 218, 218, 230

■ 190, 190, 202

■ 163, 163, 175

■ 137, 137, 148

■ 111, 112, 122

■ 87, 87, 97

■ 64, 64, 74


■ 42, 42, 51


■ 21, 22, 30


■ 0, 0, 3

 218, 218, 230

 218, 218, 230


 195, 195, 230

 241, 241, 230

 172, 172, 230

 255, 255, 230

 149, 149, 230


 126, 126, 230

 103, 103, 230

 80, 80, 230

 57, 57, 230

 34, 34, 230

 11, 11, 230

Harmonies

Analogous

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



211, 220, 231



218, 218, 230



225, 216, 227

Triad

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



218, 218, 230



231, 216, 210



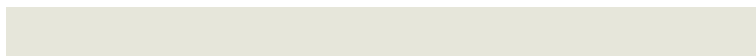
207, 222, 217

Complementary

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



218, 218, 230



230, 230, 218

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.



213, 221, 211



218, 218, 230



226, 218, 207

Square

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



218, 218, 230



232, 215, 215



219, 220, 208



205, 223, 223

Rectangle

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



218, 218, 230



229, 215, 223



219, 220, 208



209, 222, 215

Sweetspot

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



218, 218, 230



250, 250, 255



218, 230, 230



125, 125, 128



0, 0, 0



128, 128, 128

Same Dimension

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



218, 218, 230



240, 240, 255



224, 218, 230



107, 107, 115



0, 0, 179



0, 0, 51

Inverse Universe

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



230, 218, 230



255, 240, 255



224, 230, 218



115, 107, 115



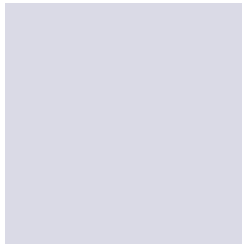
179, 0, 179



51, 0, 51

Previews

White Background



This preview shows how the RGB color 218, 218, 230 looks on a white background.

Color Contrast Check

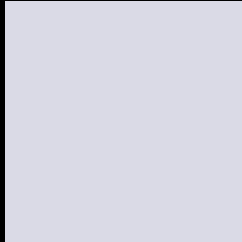
Large Text (above 18pt) WCAG AA × Fail

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 218, 218, 230 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

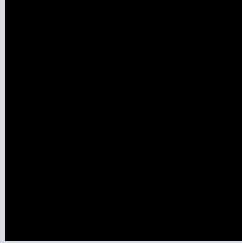
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

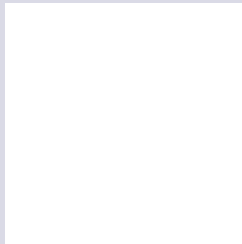
Any Text WCAG AAA ✓ Pass

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

RGB 218, 218, 230 Background



This preview shows how black text looks on a background with the RGB color 218, 218, 230.

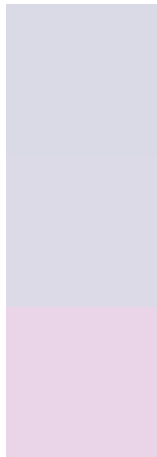


This preview shows how white text looks on a background with the RGB color 218, 218, 230.

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
218, 218, 230

Protanopia
220, 218, 230

Deuteranopia
234, 212, 231



Tritanopia
219, 217, 234

Trichromacy



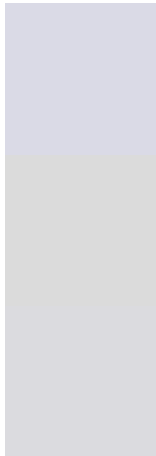
Original Color
218, 218, 230

Protanomaly
219, 218, 230

Deuteranomaly
228, 214, 231

Tritanomaly
219, 217, 233

Monochromacy



Original Color
218, 218, 230

Achromatopsia
219, 219, 219

Achromatomaly
219, 219, 223

CSS Examples

Text

The CSS property to change the color of the text to RGB 218, 218, 230 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(218, 218, 230)` looks like.

```
.text, #text, p{  
    color:rgb(218, 218, 230)  
}
```

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(218, 218, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 218, 230) }
```

Border

The CSS property to change the border of an element to RGB 218, 218, 230 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(218, 218, 230) }
```

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

```
.border{ border-color:rgb(218, 218, 230) }
```

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

Here you see how a box with a 4 pixel rgb(218, 218, 230) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 218, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 218, 230);  
box-shadow:4px 4px 4px 4px rgb(218, 218,  
230) }
```

Background

The CSS property to change the background color of an element to RGB 218, 218, 230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 218, 230) }
```

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

```
.background{ background-color: rgb(218,  
218, 230) }
```

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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