

Converting Colors

RGB(218, 218, 219)

Have a look what the booklet for
RGB(218, 218, 219) contains.

RGB(218, 218, 219)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	22
<i>Color Blindness Simulation</i>	25
<i>CSS Examples</i>	28

Color

RGB(218, 218, 219)

Conversions

Conversions Part 1

Format	Color
Hex	DADADB
RGB	218, 218, 219
RGB Percent	85%, 85%, 86%
CMY	0.1451, 0.1451, 0.1412
CMYK	0.00, 0.00, 0.00, 0.14
HSL	240°, 1%, 86%
HSV	240°, 0%, 86%
XYZ	66.7710, 70.1627, 77.0414
YIQ	218.1140, -0.3210, 0.3110

Conversions

Conversions Part 2

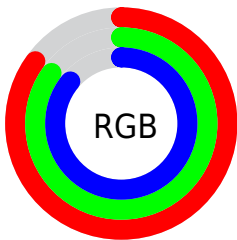
Format	Color
R _Y B	218, 218, 219
Decimal	14342875
CIE Lab	87.08, 0.19, -0.50
CIE LCh	87, 0.533, 290.351
Yxy	70.1627, 0.3121, 0.3279
Android (android.graphics.Color)	4292532955 (0xFFDADADB)
YUV	218.1140, 0.4368, -0.1000
Hunter-Lab	83.7632, -4.2960, 4.1021

Details

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

A 20% lighter version of the original color is 255, 255, 255, and **163, 163, 164** is the 20% darker color. If you saturate the color by 10%, you get **196, 196, 219**, and if you desaturate by 10%, it is **240, 240, 219**.

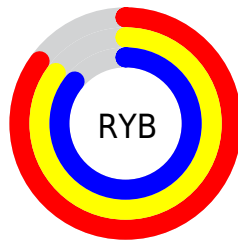
Distribution



Red (85%)

Green (85%)

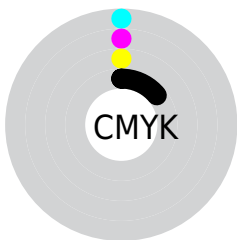
Blue (86%)



Red (85%)

Yellow (85%)

Blue (86%)

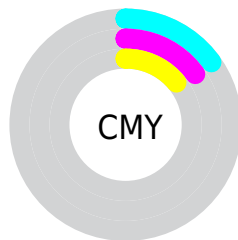


Cyan (0%)

Magenta (0%)

Yellow (0%)

Black (14%)



Cyan (15%)

Magenta (15%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the RGB color 218, 218, 219 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, 219 by changing the saturation by 10% instead.

■ 218, 218, 219

255, 255, 255

■ 218, 218, 219

■ 190, 190, 191

■ 163, 163, 164

■ 137, 137, 138

■ 112, 112, 112

■ 87, 87, 88

■ 64, 64, 65


■ 42, 42, 43

■ 22, 22, 22


■ 0, 0, 0

 218, 218, 219


 218, 218, 219


 196, 196, 219

 240, 240, 219

 174, 174, 219

 255, 255, 219

 152, 152, 219

 130, 130, 219

 109, 109, 219

 87, 87, 219

 65, 65, 219

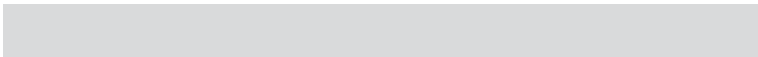
 43, 43, 219

 21, 21, 219

Harmonies

Analogous

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



217, 218, 219



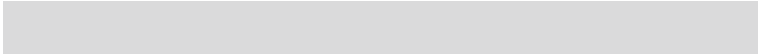
218, 218, 219



219, 218, 219

Triad

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



218, 218, 219



219, 218, 217



217, 218, 218

Complementary

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



218, 218, 219



219, 219, 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.



218, 218, 217



218, 218, 219



219, 218, 217

Square

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



218, 218, 219



219, 218, 218



218, 218, 217



217, 218, 218

Rectangle

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



218, 218, 219



219, 218, 218



218, 218, 217



217, 218, 218

Sweetspot

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



218, 218, 219

255, 255, 255



218, 219, 219



128, 128, 128



0, 0, 0

Same Dimension

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



218, 218, 219



252, 252, 255



219, 218, 219



109, 109, 110



0, 0, 173



0, 0, 46

Inverse Universe

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



219, 218, 219



255, 252, 255



219, 219, 218



110, 109, 110



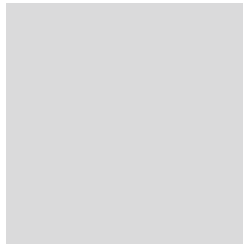
173, 0, 173



46, 0, 46

Previews

White Background



This preview shows how the RGB color 218, 218, 219 looks on a white background.

Color Contrast Check

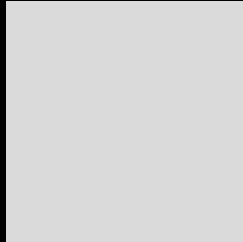
Large Text (above 18pt) WCAG AA × Fail

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, 219 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

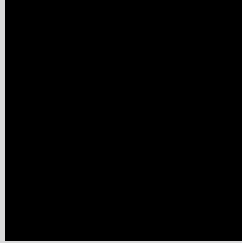
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

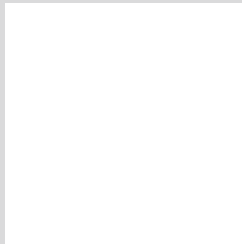
Any Text WCAG AAA ✓ Pass

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

RGB 218, 218, 219 Background



This preview shows how black text looks on a background with the RGB color 218, 218, 219.

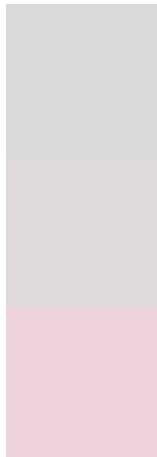


This preview shows how white text looks on a background with the RGB color 218, 218, 219.

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](#).

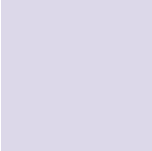
Dichromacy



Original Color
218, 218, 219

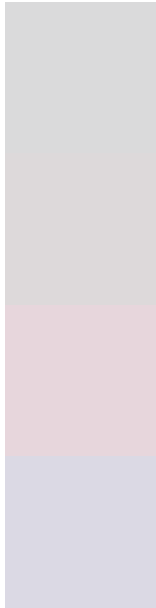
Protanopia
222, 217, 218

Deuteranopia
238, 211, 220



Tritanopia
220, 216, 233

Trichromacy



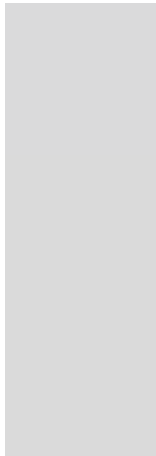
Original Color
218, 218, 219

Protanomaly
221, 217, 218

Deuteranomaly
231, 214, 220

Tritanomaly
219, 217, 228

Monochromacy



Original Color
218, 218, 219

Achromatopsia
218, 218, 218

Achromatomaly
218, 218, 218

CSS Examples

Text

The CSS property to change the color of the text to RGB 218, 218, 219 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, 219) looks like.

```
.text, #text, p{  
    color:rgb(218, 218, 219)  
}
```

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, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 218, 219) }
```

Border

The CSS property to change the border of an element to RGB 218, 218, 219 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, 219) }
```

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

```
.border{ border-color:rgb(218, 218, 219) }
```

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, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 218, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 218, 219);  
box-shadow:4px 4px 4px 4px rgb(218, 218,  
219) }
```

Background

The CSS property to change the background color of an element to RGB 218, 218, 219 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, 219) }
```

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

```
.background{ background-color: rgb(218,  
218, 219) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor