

Converting Colors

RGB(214, 214, 212)

Have a look what the booklet for
RGB(214, 214, 212) contains.

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Color

RGB(214, 214, 212)

Conversions

Conversions Part 1

Format	Color
Hex	D6D6D4
RGB	214, 214, 212
RGB Percent	84%, 84%, 83%
CMY	0.1608, 0.1608, 0.1686
CMYK	0.00, 0.00, 0.01, 0.16
HSL	60°, 2%, 84%
HSV	60°, 1%, 84%
XYZ	63.6618, 67.1427, 71.8919

Conversions

Conversions Part 2

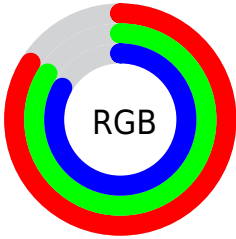
Format	Color
R _Y B	212, 214, 212
Decimal	14079700
CIE Lab	85.58, -0.36, 0.98
CIE LCh	86, 1.039, 110.024
Yxy	67.1427, 0.3141, 0.3312
Android (android.graphics.Color)	4292269780 (0xFFD6D6D4)
YUV	213.7720, -0.8736, 0.2000

Details

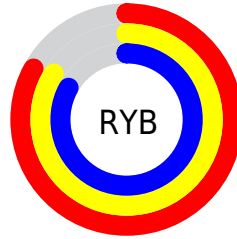
The RGB color **214, 214, 212** is a light color, and the **websafe** version is hex **CCCCCC**. A complement of this color would be **212, 212, 214**, and the grayscale version is **214, 214, 214**.

A 20% lighter version of the original color is 255, 255, 255, and **159, 159, 157** is the 20% darker color. If you saturate the color by 10%, you get **214, 214, 191**, and if you desaturate by 10%, it is **214, 214, 233**.

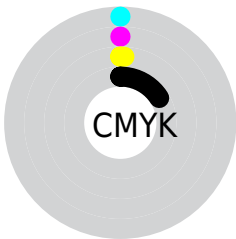
Distribution



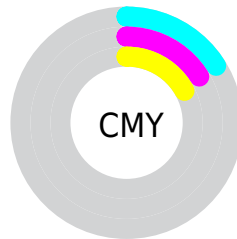
- Red (84%)
- Green (84%)
- Blue (83%)



- Red (83%)
- Yellow (84%)
- Blue (83%)



- Cyan (0%)
- Magenta (0%)
- Yellow (1%)
- Black (16%)



- Cyan (16%)
- Magenta (16%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the RGB color 214, 214, 212 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 214, 214, 212 by changing the saturation by 10% instead.


 214, 214, 212


 242, 242, 240

255, 255, 255

 214, 214, 212

 186, 186, 184

 159, 159, 157

 133, 133, 131

 108, 108, 106

 84, 84, 82

 61, 61, 59

 39, 39, 37

 18, 18, 17

 0, 0, 0

 214, 214, 212

 214, 214, 191

 214, 214, 169

 214, 214, 148

 214, 214, 126

 214, 214, 105

 214, 214, 212

 214, 214, 233

 214, 214, 255

 214, 214, 255

■ 214, 214, 84

■ 214, 214, 62

■ 214, 214, 41

■ 214, 214, 19

Harmonies

Analogous

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



215, 214, 212



214, 214, 212



213, 214, 213

Triad

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



214, 214, 212



212, 214, 215



216, 213, 214

Complementary

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



214, 214, 212



212, 212, 214

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.



215, 213, 215



214, 214, 212



213, 214, 216

Square

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



214, 214, 212



212, 214, 214



214, 214, 216



216, 213, 213

Rectangle

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



214, 214, 212



212, 214, 213



214, 214, 216



215, 213, 215

Sweetspot

The sweet spot groups the original color and five complimentary colors.



214, 214, 212

255, 255, 255



214, 212, 212



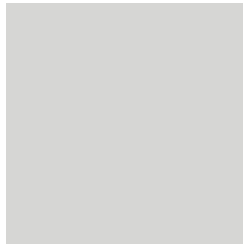
128, 128, 128



0, 0, 0

Previews

White Background



This preview shows how the RGB color 214, 214, 212 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



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

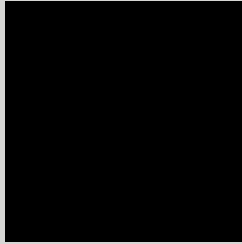
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

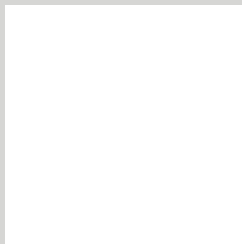
Any Text WCAG AAA ✓ Pass

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

RGB 214, 214, 212 Background



This preview shows how black text looks on a background with the RGB color 214, 214, 212.

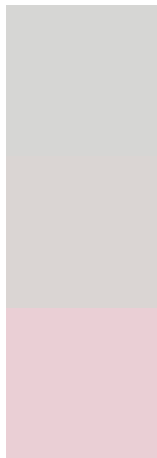


This preview shows how white text looks on a background with the RGB color 214, 214, 212.

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
214, 214, 212

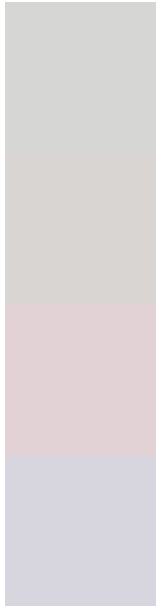
Protanopia
218, 213, 211

Deuteranopia
234, 207, 213



Tritanopia
216, 212, 228

Trichromacy



Original Color

214, 214, 212

Protanomaly

217, 213, 211

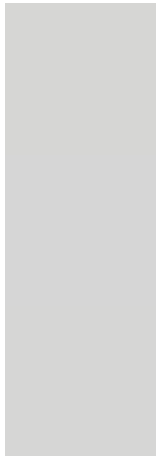
Deuteranomaly

227, 210, 213

Tritanomaly

215, 213, 222

Monochromacy



Original Color

214, 214, 212

Achromatopsia

214, 214, 214

Achromatomaly

214, 214, 213

CSS Examples

Text

The CSS property to change the color of the text to RGB 214, 214, 212 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(214, 214, 212) looks like.

```
.text, #text, p{  
    color:rgb(214, 214, 212)  
}
```


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(214, 214, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 214, 212) }
```

Border

The CSS property to change the border of an element to RGB 214, 214, 212 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(214, 214, 212) }
```

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

```
.border{ border-color:rgb(214, 214, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 214, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 214, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 214, 212);  
box-shadow:4px 4px 4px 4px rgb(214, 214,  
212) }
```

Background

The CSS property to change the background color of an element to RGB 214, 214, 212 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 214, 212) }
```

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

```
.background{ background-color: rgb(214,  
214, 212) }
```

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? Have a look at my other booklet **HOWCOLORS.WORK – A CSS color notation guide.**



HOWCOLORS.WORK

A CSS color notation guide.

Are you new to web development and want to know the different ways to express colors in CSS? Then this booklet is for you!

HOWCOLORS.WORK will help you understand the syntax of the color notations in CSS.

You will learn all the current and new ways to express colors to prepare yourself for the future!

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