

Converting Colors

RGB(216, 214, 209)

Have a look what the booklet for
RGB(216, 214, 209) contains.

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Color

RGB(216, 214, 209)

Conversions

Conversions Part 1

Format	Color
Hex	D8D6D1
RGB	216, 214, 209
RGB Percent	85%, 84%, 82%
CMY	0.1529, 0.1608, 0.1804
CMYK	0.00, 0.01, 0.03, 0.15
HSL	43°, 8%, 83%
HSV	43°, 3%, 85%
XYZ	63.8741, 67.2955, 69.9444
YIQ	214.0280, 2.7970, -1.1310

Conversions

Conversions Part 2

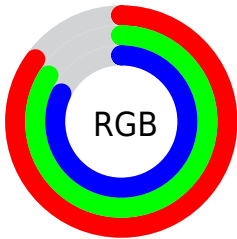
Format	Color
RYB	212, 216, 209
Decimal	14210769
CIELab	85.65, -0.20, 2.70
CIELCh	86, 2.703, 94.279
Yxy	67.2955, 0.3176, 0.3346
Android (android.graphics.Color)	4292400849 (0xFFD8D6D1)
YUV	214.0280, -2.4788, 1.7294
Hunter-Lab	82.0338, -4.5736, 6.8713

Details

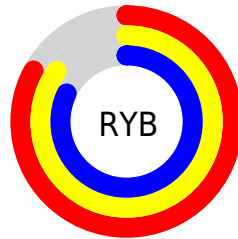
The RGB color **216, 214, 209** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **209, 211, 216**, and the grayscale version is **214, 214, 214**.

A 20% lighter version of the original color is **255, 255, 255**, and **161, 159, 155** is the 20% darker color. If you saturate the color by 10%, you get **216, 208, 187**, and if you desaturate by 10%, it is **216, 220, 231**.

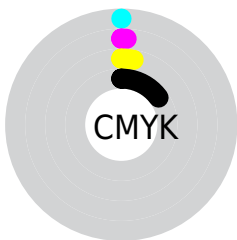
Distribution



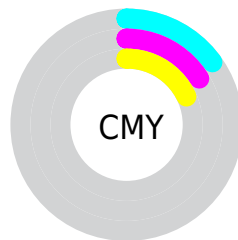
- Red (85%)
- Green (84%)
- Blue (82%)



- Red (83%)
- Yellow (85%)
- Blue (82%)



- Cyan (0%)
- Magenta (1%)
- Yellow (3%)
- Black (15%)



- Cyan (15%)
- Magenta (16%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the RGB color 216, 214, 209 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 216, 214, 209 by changing the saturation by 10% instead.

■ 216, 214, 209

255, 255, 255

■ 216, 214, 209

■ 188, 186, 181

■ 161, 159, 155

■ 135, 133, 129

■ 110, 108, 104

■ 85, 84, 80

■ 62, 61, 57

■ 40, 39, 35

■ 20, 18, 14

■ 0, 0, 0

 216, 214, 209

 216, 214, 209

 216, 208, 187

 216, 220, 231

 216, 202, 166

 216, 226, 252

 216, 195, 144


 216, 233, 255

 216, 189, 123


 216, 239, 255

 216, 183, 101


 216, 245, 255


 216, 177, 79

 216, 251, 255

 216, 171, 58

 216, 255, 255

 216, 165, 36

 216, 158, 15

Harmonies

Analogous

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



218, 213, 210



216, 214, 209



213, 215, 210

Triad

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



216, 214, 209



208, 216, 217



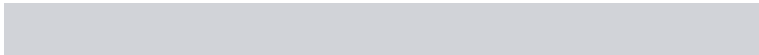
218, 213, 216

Complementary

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



216, 214, 209



209, 211, 216

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, 218



216, 214, 209



209, 215, 219

Square

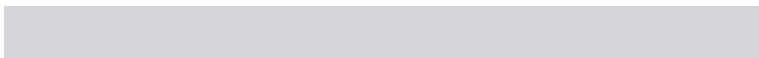
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



216, 214, 209



208, 216, 214



212, 214, 219



220, 212, 214

Rectangle

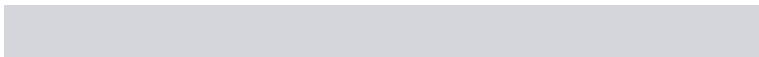
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



216, 214, 209



211, 215, 211



212, 214, 219



217, 213, 217

Sweetspot

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



216, 214, 209



255, 254, 252



216, 209, 211



128, 127, 126



0, 0, 0



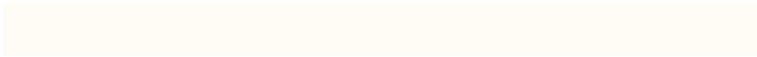
128, 128, 128

Same Dimension

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



216, 214, 209



255, 252, 245



215, 216, 209



107, 106, 102



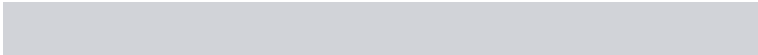
171, 122, 0



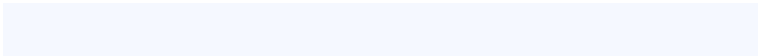
43, 31, 0

Inverse Universe

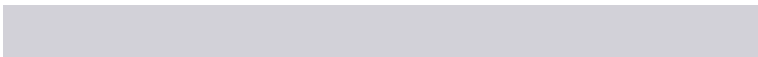
The Inverse Universe completely reimagines the original color for something new.



209, 211, 216



245, 248, 255



210, 209, 216



102, 103, 107



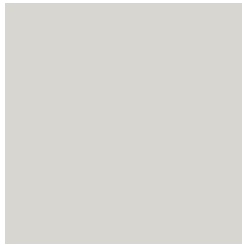
0, 49, 171



0, 12, 43

Previews

White Background



This preview shows how the RGB color 216, 214, 209 looks on a white background.

Color Contrast Check

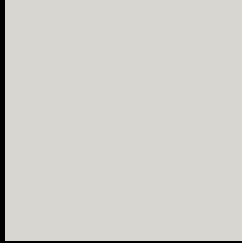
Large Text (above 18pt) WCAG AA × Fail

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 216, 214, 209 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

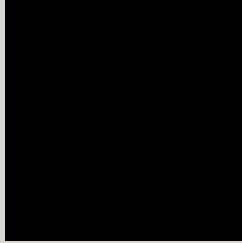
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

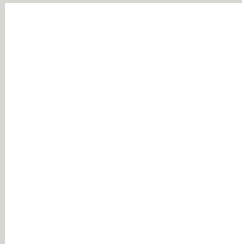
Any Text WCAG AAA ✓ Pass

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

RGB 216, 214, 209 Background



This preview shows how black text looks on a background with the RGB color 216, 214, 209.

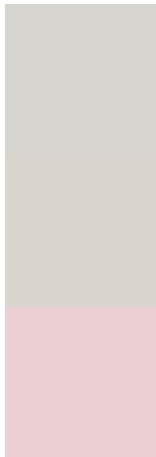


This preview shows how white text looks on a background with the RGB color 216, 214, 209.

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
216, 214, 209

Protanopia
219, 213, 208

Deuteranopia
236, 207, 210



Tritanopia
219, 211, 228

Trichromacy



Original Color

216, 214, 209

Protanomaly

218, 213, 208

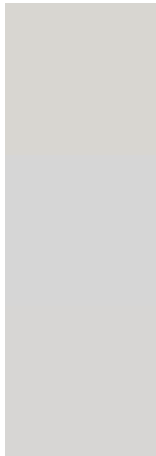
Deuteranomaly

229, 210, 210

Tritanomaly

218, 212, 221

Monochromacy



Original Color

216, 214, 209

Achromatopsia

214, 214, 214

Achromatomaly

215, 214, 212

CSS Examples

Text

The CSS property to change the color of the text to RGB 216, 214, 209 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(216, 214, 209) looks like.

```
.text, #text, p{  
    color:rgb(216, 214, 209)  
}
```

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(216, 214, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 214, 209) }
```

Border

The CSS property to change the border of an element to RGB 216, 214, 209 is called "border". The border property can be set on classes, ids or directly on the HTML element.

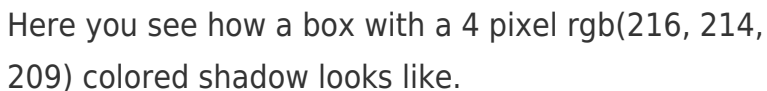
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(216, 214, 209) }
```

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

```
.border{ border-color:rgb(216, 214, 209) }
```

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



Here you see how a box with a 4 pixel `rgb(216, 214, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(216, 214, 209); -webkit-box-shadow:4px 4px 4px 4px rgb(216, 214, 209); box-shadow:4px 4px 4px 4px rgb(216, 214, 209) }
```

Background

The CSS property to change the background color of an element to RGB 216, 214, 209 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 214, 209) }
```

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

```
.background{ background-color: rgb(216,  
214, 209) }
```

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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