

Converting Colors

RGB(216, 201, 202)

Have a look what the booklet for
RGB(216, 201, 202) contains.

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Color

RGB(216, 201, 202)

Conversions

Conversions Part 1

Format	Color
Hex	D8C9CA
RGB	216, 201, 202
RGB Percent	85%, 79%, 79%
CMY	0.1529, 0.2118, 0.2078
CMYK	0.00, 0.07, 0.06, 0.15
HSL	356°, 16%, 82%
HSV	356°, 7%, 85%
XYZ	59.8662, 60.6365, 64.4258
YIQ	205.5990, 8.6190, 3.4910

Conversions

Conversions Part 2

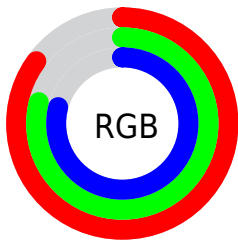
Format	Color
R _Y B	216, 201, 202
Decimal	14207434
CIE Lab	82.18, 5.40, 1.38
CIE LCh	82, 5.569, 14.304
Yxy	60.6365, 0.3237, 0.3279
Android (android.graphics.Color)	4292397514 (0xFFD8C9CA)
YUV	205.5990, -1.7743, 9.1217
Hunter-Lab	77.8694, 0.9597, 5.4546

Details

The RGB color **216, 201, 202** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **201, 216, 215**, and the grayscale version is **206, 206, 206**.

A 20% lighter version of the original color is **255, 255, 255**, and **161, 147, 148** is the 20% darker color. If you saturate the color by 10%, you get **216, 179, 182**, and if you desaturate by 10%, it is **216, 223, 222**.

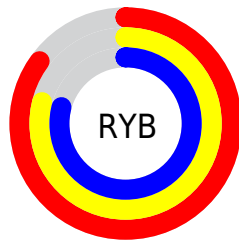
Distribution



Red (85%)

Green (79%)

Blue (79%)



Red (85%)

Yellow (79%)

Blue (79%)

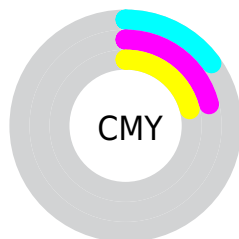


Cyan (0%)

Magenta (7%)

Yellow (6%)

Black (15%)



Cyan (15%)

Magenta (21%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the RGB color 216, 201, 202 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, 201, 202 by changing the saturation by 10% instead.

■ 216, 201, 202

255, 255, 255

■ 216, 201, 202

■ 188, 174, 175

■ 161, 147, 148

■ 135, 121, 122

■ 110, 97, 97

■ 85, 73, 74

■ 62, 50, 51


■ 40, 29, 30

■ 20, 4, 5

■ 0, 0, 0

 216, 201, 202

 216, 201, 202

 216, 179, 182


 216, 223, 222

 216, 158, 162


 216, 244, 242


 216, 136, 142


 216, 255, 255

 216, 115, 121

 216, 93, 101

 216, 71, 81

 216, 50, 61

 216, 28, 41

 216, 7, 21

Harmonies

Analogous

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



214, 201, 207



216, 201, 202



215, 202, 197

Triad

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



216, 201, 202



200, 206, 197



196, 206, 214

Complementary

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



216, 201, 202



201, 216, 215

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.



193, 207, 211



216, 201, 202



195, 207, 201

Square

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



216, 201, 202



206, 205, 194



192, 208, 207



202, 204, 214

Rectangle

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



216, 201, 202



213, 203, 195



192, 208, 207



195, 206, 214

Sweetspot

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



216, 201, 202



255, 250, 250



215, 201, 216



128, 125, 125



0, 0, 0



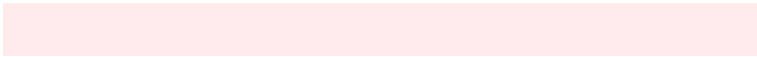
128, 128, 128

Same Dimension

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



216, 201, 202



255, 235, 236



216, 208, 201



107, 96, 97



171, 0, 11



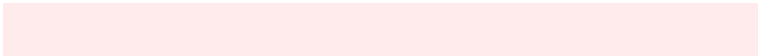
43, 0, 3

Inverse Universe

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



216, 201, 202



255, 235, 236



201, 210, 216



107, 96, 97



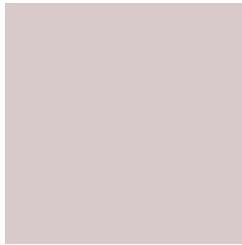
171, 0, 11



43, 0, 3

Previews

White Background



This preview shows how the RGB color 216, 201, 202 looks on a white background.

Color Contrast Check

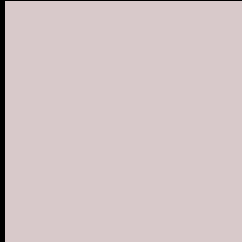
Large Text (above 18pt) WCAG AA × Fail

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, 201, 202 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

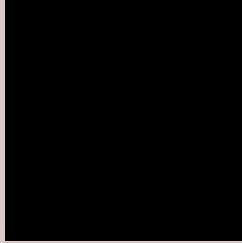
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

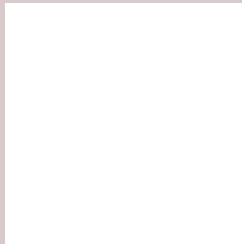
Any Text WCAG AAA ✓ Pass

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

RGB 216, 201, 202 Background



This preview shows how black text looks on a background with the RGB color 216, 201, 202.



This preview shows how white text looks on a background with the RGB color 216, 201, 202.

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](#), [201](#), [202](#)

Protanopia
[208](#), [203](#), [203](#)

Deuteranopia
[225](#), [198](#), [203](#)



Tritanopia
218, 199, 215

Trichromacy



Original Color

216, 201, 202

Protanomaly

211, 202, 203

Deuteranomaly

222, 199, 203

Tritanomaly

217, 200, 210

Monochromacy



Original Color

216, 201, 202

Achromatopsia

206, 206, 206

Achromatomaly

210, 204, 205

CSS Examples

Text

The CSS property to change the color of the text to RGB 216, 201, 202 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, 201, 202) looks like.

```
.text, #text, p{  
    color:rgb(216, 201, 202)  
}
```

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, 201, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 201, 202) }
```

Border

The CSS property to change the border of an element to RGB 216, 201, 202 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, 201, 202) }
```

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

```
.border{ border-color:rgb(216, 201, 202) }
```

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

Here you see how a box with a 4 pixel rgb(216, 201, 202) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 201, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 201, 202);  
box-shadow:4px 4px 4px 4px rgb(216, 201,  
202) }
```

Background

The CSS property to change the background color of an element to RGB 216, 201, 202 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 201, 202) }
```

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

```
.background{ background-color: rgb(216,  
201, 202) }
```

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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