

Converting Colors

RGB(219, 218, 202)

Have a look what the booklet for
RGB(219, 218, 202) contains.

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Color

RGB(219, 218, 202)

Conversions

Conversions Part 1

Format	Color
Hex	DBDACA
RGB	219, 218, 202
RGB Percent	86%, 85%, 79%
CMY	0.1412, 0.1451, 0.2078
CMYK	0.00, 0.00, 0.08, 0.14
HSL	56°, 19%, 83%
HSV	56°, 8%, 86%
XYZ	64.9455, 69.4671, 65.8626
YIQ	216.4750, 5.7320, -4.7640

Conversions

Conversions Part 2

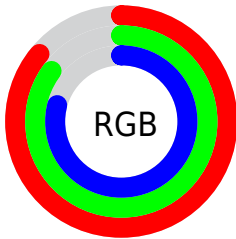
Format	Color
R _Y B	203, 219, 202
Decimal	14408394
CIE Lab	86.73, -2.43, 7.99
CIE LCh	87, 8.347, 106.925
Yxy	69.4671, 0.3243, 0.3469
Android (android.graphics.Color)	4292598474 (0xFFDBDACA)
YUV	216.4750, -7.1362, 2.2144
Hunter-Lab	83.3470, -6.7667, 11.4906

Details

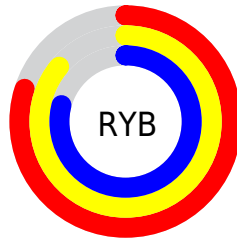
The RGB color **219, 218, 202** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **202, 203, 219**, and the grayscale version is **217, 217, 217**.

A 20% lighter version of the original color is **255, 255, 255**, and **164, 163, 148** is the 20% darker color. If you saturate the color by 10%, you get **219, 217, 180**, and if you desaturate by 10%, it is **219, 219, 224**.

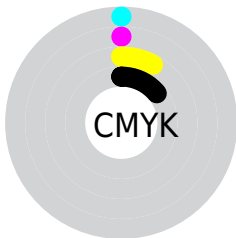
Distribution



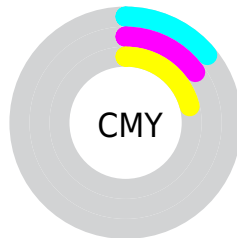
- Red (86%)
- Green (85%)
- Blue (79%)



- Red (80%)
- Yellow (86%)
- Blue (79%)



- Cyan (0%)
- Magenta (0%)
- Yellow (8%)
- Black (14%)



- Cyan (14%)
- Magenta (15%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the RGB color 219, 218, 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 219, 218, 202 by changing the saturation by 10% instead.

■ 219, 218, 202

255, 255, 255

■ 219, 218, 202

■ 191, 190, 175

■ 164, 163, 148

■ 138, 137, 122

■ 112, 112, 97

■ 88, 87, 74

■ 64, 64, 51

■ 42, 42, 30

■ 23, 22, 5

■ 0, 0, 0

 219, 218, 202

 219, 218, 202

 219, 217, 180

 219, 219, 224

 219, 215, 158

 219, 221, 246

 219, 214, 136

 219, 222, 255

 219, 213, 114

 219, 223, 255

 219, 212, 92

 219, 224, 255

 219, 210, 71

 219, 226, 255

 219, 209, 49

 219, 227, 255

 219, 208, 27

 219, 228, 255

 219, 206, 5

 219, 230, 255

Harmonies

Analogous

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



227, 215, 202



219, 218, 202



210, 220, 206

Triad

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



219, 218, 202



199, 221, 228



231, 212, 221

Complementary

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



219, 218, 202



202, 203, 219

Split Complementary

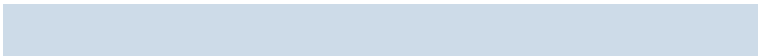
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



224, 214, 228



219, 218, 202



205, 219, 232

Square

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



219, 218, 202



198, 222, 221



215, 216, 232



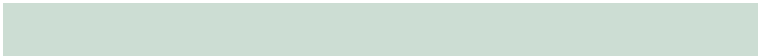
235, 212, 213

Rectangle

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



219, 218, 202



204, 221, 211



215, 216, 232



229, 213, 223

Sweetspot

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



219, 218, 202



255, 255, 250



219, 202, 203



128, 127, 125



0, 0, 0



128, 128, 128

Same Dimension

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



219, 218, 202



255, 254, 232



212, 219, 202



110, 109, 99



173, 163, 0



46, 43, 0

Inverse Universe

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



202, 203, 219



232, 233, 255



209, 202, 219



99, 99, 110



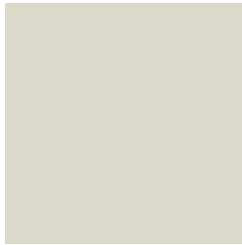
0, 10, 173



0, 3, 46

Previews

White Background



This preview shows how the RGB color 219, 218, 202 looks on a white background.

Color Contrast Check

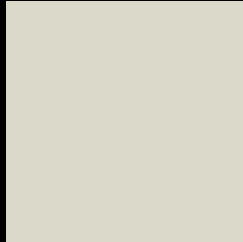
Large Text (above 18pt) WCAG AA × Fail

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 219, 218, 202 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

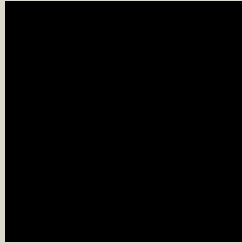
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

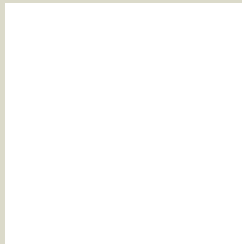
Any Text WCAG AAA ✓ Pass

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

RGB 219, 218, 202 Background



This preview shows how black text looks on a background with the RGB color 219, 218, 202.



This preview shows how white text looks on a background with the RGB color 219, 218, 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
219, 218, 202

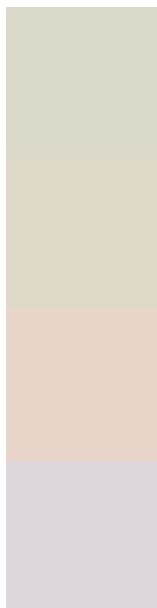
Protanopia
225, 216, 201

Deuteranopia
243, 210, 204



Tritanopia
223, 214, 231

Trichromacy



Original Color

219, 218, 202

Protanomaly

223, 217, 201

Deuteranomaly

234, 213, 203

Tritanomaly

222, 215, 220

Monochromacy



Original Color

219, 218, 202

Achromatopsia

216, 216, 216

Achromatomaly

217, 217, 211

CSS Examples

Text

The CSS property to change the color of the text to RGB 219, 218, 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(219, 218, 202) looks like.

```
.text, #text, p{  
    color:rgb(219, 218, 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(219, 218, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 218, 202) }
```

Border

The CSS property to change the border of an element to RGB 219, 218, 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(219, 218, 202) }
```

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

```
.border{ border-color:rgb(219, 218, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 218, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 218, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 218, 202);  
box-shadow:4px 4px 4px 4px rgb(219, 218,  
202) }
```

Background

The CSS property to change the background color of an element to RGB 219, 218, 202 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 218, 202) }
```

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

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