Converting Colors

RGB(219, 218, 215)

Have a look what the booklet for RGB(219, 218, 215) contains.

Color

RGB(219, 218, 215)

Conversions

Format	Color
Hex	DBDAD7
RGB	219, 218, 215
RGB Percent	86%, 85%, 84%
CMY	0.1412, 0.1451, 0.1569
CMYK	0.00, 0.00, 0.02, 0.14
HSL	45°, 5%, 85%
HSV	45°, 2%, 86%
XYZ	66.5506, 70.1092, 74.3148
YIQ	217.9570, 1.5590, -0.7210

Conversions Part 1

Conversions

Conversions Part 2

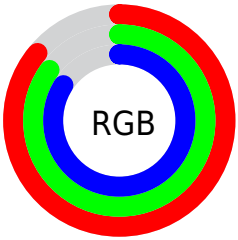
Format	Color
RYB	216, 219, 215
Decimal	14408407
CIELab	87.05, -0.19, 1.58
CIELCh	87, 1.594, 96.894
Yxy	70.1092, 0.3154, 0.3323
Android (android.graphics.Color)	4292598487 (0xFFDBDAD7)
YUV	217.9570, -1.4578, 0.9147
Hunter-Lab	83.7312, -4.6557, 5.9896

Details

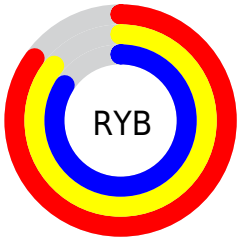
The RGB color 219, 218, 215 is a light color, and the websafe version is hex CCCCCC. A complement of this color would be 215, 216, 219, and the grayscale version is 218, 218, 218.

A 20% lighter version of the original color is 255, 255, 255, and 164, 163, 160 is the 20% darker color. If you saturate the color by 10%, you get 219, 213, 193, and if you desaturate by 10%, it is 219, 223, 237.

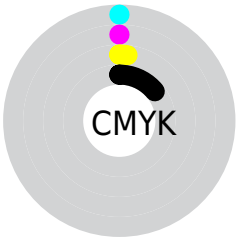
Distribution



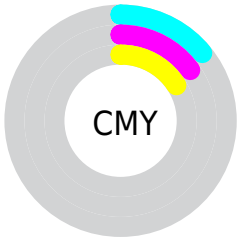
- Red (86%)
- Green (85%)
- Blue (84%)



- Red (85%)
- Yellow (86%)
- Blue (84%)



- Cyan (0%)
- Magenta (0%)
- Yellow (2%)
- Black (14%)



- Cyan (14%)
- Magenta (15%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the RGB color 219, 218, 215 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, 215 by changing the saturation by 10% instead.

219, 218, 215	219, 218, 215
255, 255, 255	191, 190, 187
	164, 163, 160
	138, 137, 134
	112, 112, 109
	88, 87, 85
	65, 64, 62
	43, 42, 40
	22, 22, 19
	0, 0, 0

219, 218, 215

219, 213, 193

219, 207, 171

219, 202, 149

219, 196, 127

219, 191, 106

219, 185, 84

219, 180, 62

219, 174, 40

219, 169, 18

219, 218, 215

219, 223, 237

219, 229, 255

219, 234, 255

219, 240, 255

219, 245, 255

219, 251, 255

219, 255, 255

Harmonies

Analogous

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

221, 218, 215

219, 218, 215

217, 218, 216

Triad

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

219, 218, 215

215, 219, 220

220, 217, 219

Complementary

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

219, 218, 215

215, 216, 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.

219, 218, 220

219, 218, 215

215, 218, 221

Square

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

219, 218, 215

215, 219, 218

217, 218, 221

221, 217, 218

Rectangle

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

219, 218, 215

216, 219, 216

217, 218, 221

220, 217, 220

Sweetspot

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

219, 218, 215

255, 254, 252

219, 215, 216

128, 127, 126

0, 0, 0

128, 128, 128

Same Dimension

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

219, 218, 215

255, 254, 250

218, 219, 215

110, 109, 107

173, 130, 0

46, 34, 0

Inverse Universe

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

215, 216, 219

250, 251, 255

216, 215, 219

107, 108, 110

0, 43, 173

0, 11, 46

Previews

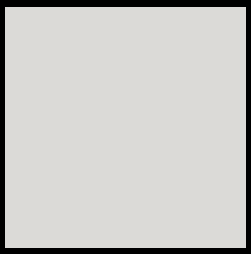
White Background

This preview shows how the RGB color 219, 218, 215 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



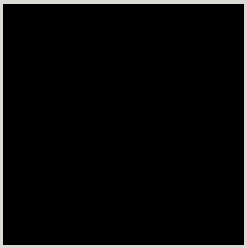
This preview shows how the RGB color 219, 218, 215 looks on a black background.

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, 215 Background



This preview shows how black text looks on a background with the RGB color 219, 218, 215.

This preview shows how white text looks on a background with the RGB color 219, 218, 215.

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, 215

Protanopia
223, 217, 214

Deuteranopia
239, 211, 216

Tritanopia
222, 215, 232

Trichromacy

Original Color
219, 218, 215

Protanomaly
222, 217, 214

Deuteranomaly
232, 214, 216

Tritanomaly
221, 216, 226

Monochromacy

Original Color
219, 218, 215

Achromatopsia
218, 218, 218

Achromatomaly
218, 218, 217

CSS Examples

Text

The CSS property to change the color of the text to RGB 219, 218, 215 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, 215) looks like.

```
.text, #text, p{
    color:rgb(219, 218, 215)
}
```

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, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 218, 215) }
```

Border

The CSS property to change the border of an element to RGB 219, 218, 215 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, 215) }
```

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

```
.border{ border-color:rgb(219, 218, 215) }
```

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, 215) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(219, 218, 215); -webkit-box-shadow:4px 4px 4px 4px rgb(219, 218, 215); box-shadow:4px 4px 4px 4px rgb(219, 218, 215) }
```

Background

The CSS property to change the background color of an element to RGB 219, 218, 215 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, 215) }
```

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

```
.background{ background-color:rgb(219,
218, 215) }
```

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