

Converting Colors

RGB(222, 218, 207)

Have a look what the booklet for
RGB(222, 218, 207) contains.

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Color

RGB(222, 218, 207)

Conversions

Conversions Part 1

Format	Color
Hex	DEDACF
RGB	222, 218, 207
RGB Percent	87%, 85%, 81%
CMY	0.1294, 0.1451, 0.1882
CMYK	0.00, 0.02, 0.07, 0.13
HSL	44°, 19%, 84%
HSV	44°, 7%, 87%
XYZ	66.4581, 70.1774, 69.0744
YIQ	217.9420, 5.9150, -2.5730

Conversions

Conversions Part 2

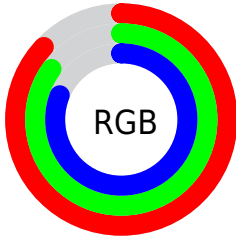
Format	Color
RYB	212, 222, 207
Decimal	14605007
CIELab	87.08, -0.54, 5.88
CIElCh	87, 5.906, 95.258
Yxy	70.1774, 0.3231, 0.3411
Android (android.graphics.Color)	4292795087 (0xFFDEDACF)
YUV	217.9420, -5.3944, 3.5589
Hunter-Lab	83.7720, -4.9930, 9.7527

Details

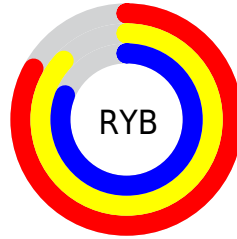
The RGB color **222, 218, 207** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **207, 211, 222**, and the grayscale version is **218, 218, 218**.

A 20% lighter version of the original color is 255, 255, 255, and **167, 163, 153** is the 20% darker color. If you saturate the color by 10%, you get **222, 212, 185**, and if you desaturate by 10%, it is **222, 224, 229**.

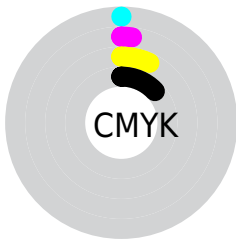
Distribution



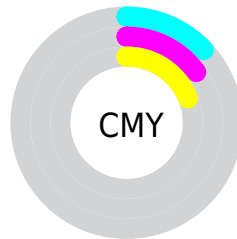
- Red (87%)
- Green (85%)
- Blue (81%)



- Red (83%)
- Yellow (87%)
- Blue (81%)



- Cyan (0%)
- Magenta (2%)
- Yellow (7%)
- Black (13%)



- Cyan (13%)
- Magenta (15%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the RGB color 222, 218, 207 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 222, 218, 207 by changing the saturation by 10% instead.

■ 222, 218, 207

255, 255, 255

■ 222, 218, 207

■ 194, 190, 179

■ 167, 163, 153

■ 140, 137, 127

■ 115, 112, 102

■ 90, 87, 78

■ 67, 64, 55

■ 45, 42, 34

■ 25, 22, 11

■ 0, 0, 0

 222, 218, 207

 222, 218, 207

 222, 212, 185


 222, 224, 229

 222, 206, 163


 222, 230, 251

 222, 200, 140

 222, 236, 255

 222, 194, 118


 222, 242, 255


 222, 188, 96

 222, 248, 255

 222, 182, 74

 222, 254, 255

 222, 177, 52

 222, 255, 255

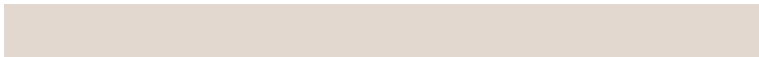
 222, 171, 29

 222, 165, 7

Harmonies

Analogous

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



227, 216, 208



222, 218, 207



215, 220, 209

Triad

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



222, 218, 207



205, 221, 224



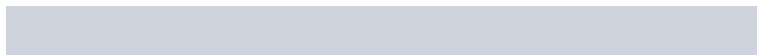
227, 215, 223

Complementary

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



222, 218, 207



207, 211, 222

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.



221, 216, 227



222, 218, 207



208, 220, 228

Square

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



222, 218, 207



205, 222, 219



214, 218, 229



230, 214, 217

Rectangle

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



222, 218, 207



211, 221, 212



214, 218, 229



225, 215, 225

Sweetspot

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



222, 218, 207



255, 254, 250



222, 207, 211



128, 127, 125



0, 0, 0



128, 128, 128

Same Dimension

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



222, 218, 207



255, 250, 235



219, 222, 207



112, 109, 101



176, 129, 0



48, 36, 0

Inverse Universe

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



207, 211, 222



235, 240, 255



210, 207, 222



101, 104, 112



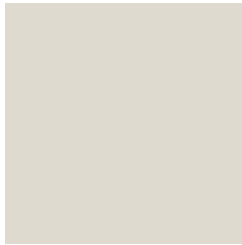
0, 47, 176



0, 13, 48

Previews

White Background



This preview shows how the RGB color 222, 218, 207 looks on a white background.

Color Contrast Check

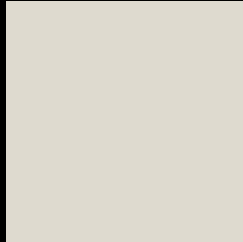
Large Text (above 18pt) WCAG AA × Fail

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 222, 218, 207 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

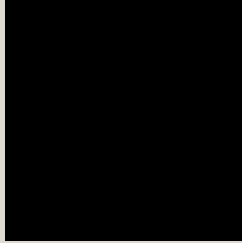
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

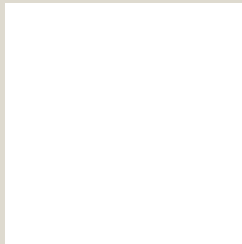
Any Text WCAG AAA ✓ Pass

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

RGB 222, 218, 207 Background



This preview shows how black text looks on a background with the RGB color 222, 218, 207.



This preview shows how white text looks on a background with the RGB color 222, 218, 207.

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
222, 218, 207

Protanopia
225, 217, 207

Deuteranopia
243, 211, 208



Tritanopia
226, 214, 231

Trichromacy



Original Color

222, 218, 207

Protanomaly

224, 217, 207

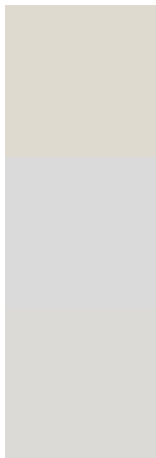
Deuteranomaly

235, 214, 208

Tritanomaly

225, 215, 222

Monochromacy



Original Color

222, 218, 207

Achromatopsia

218, 218, 218

Achromatomaly

219, 218, 214

CSS Examples

Text

The CSS property to change the color of the text to RGB 222, 218, 207 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(222, 218, 207) looks like.

```
.text, #text, p{  
    color:rgb(222, 218, 207)  
}
```

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(222, 218, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 218, 207) }
```

Border

The CSS property to change the border of an element to RGB 222, 218, 207 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(222, 218, 207) }
```

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

```
.border{ border-color:rgb(222, 218, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 218, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(222, 218, 207); -webkit-box-shadow:4px 4px 4px 4px rgb(222, 218, 207); box-shadow:4px 4px 4px 4px rgb(222, 218, 207) }
```

Background

The CSS property to change the background color of an element to RGB 222, 218, 207 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 218, 207) }
```

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

```
.background{ background-color: rgb(222,  
218, 207) }
```

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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