

Converting Colors

RGB(240, 218, 198)

Have a look what the booklet for
RGB(240, 218, 198) contains.

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Color

RGB(240, 218, 198)

Conversions

Conversions Part 1

Format	Color
Hex	F0DAC6
RGB	240, 218, 198
RGB Percent	94%, 85%, 78%
CMY	0.0588, 0.1451, 0.2235
CMYK	0.00, 0.09, 0.17, 0.06
HSL	29°, 58%, 86%
HSV	29°, 17%, 94%
XYZ	71.1996, 72.7453, 63.7147
YIQ	222.2980, 19.5320, -1.5560

Conversions

Conversions Part 2

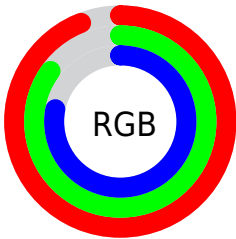
Format	Color
R _Y B	240, 236, 198
Decimal	15784646
CIE Lab	88.33, 4.42, 12.59
CIE LCh	88, 13.340, 70.665
Yxy	72.7453, 0.3429, 0.3503
Android (android.graphics.Color)	4293974726 (0xFFF0DAC6)
YUV	222.2980, -11.9789, 15.5247
Hunter-Lab	85.2908, -0.2496, 15.4123

Details

The RGB color **240, 218, 198** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **198, 220, 240**, and the grayscale version is **222, 222, 222**.

A 20% lighter version of the original color is 255, 255, 255, and **184, 163, 144** is the 20% darker color. If you saturate the color by 10%, you get **240, 205, 174**, and if you desaturate by 10%, it is **240, 231, 222**.

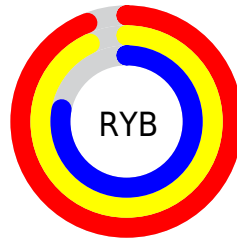
Distribution



Red (94%)

Green (85%)

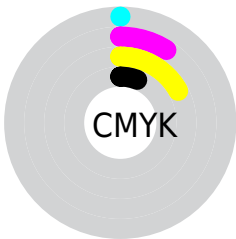
Blue (78%)



Red (94%)

Yellow (93%)

Blue (78%)

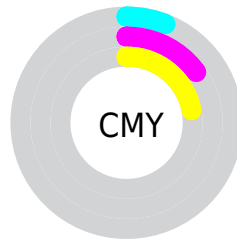


Cyan (0%)

Magenta (9%)

Yellow (17%)

Black (6%)



Cyan (6%)

Magenta (15%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the RGB color 240, 218, 198 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 240, 218, 198 by changing the saturation by 10% instead.


 240, 218, 198

255, 255, 255


255, 255, 255

 240, 218, 198

 212, 190, 171

 184, 163, 144

 157, 137, 119

 130, 112, 94

 105, 87, 70

 80, 64, 48

 57, 42, 27

 36, 21, 0


 0, 0, 0

 240, 218, 198


 240, 218, 198

 240, 205, 174


 240, 231, 222


 240, 193, 150


 240, 243, 246


 240, 180, 126

 240, 255, 255

 240, 168, 102

 240, 155, 78

 240, 143, 54

 240, 130, 30

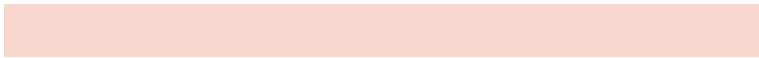
 240, 117, 6

 240, 114, 0

Harmonies

Analogous

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



248, 215, 206



240, 218, 198



227, 222, 197

Triad

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



240, 218, 198



191, 229, 226



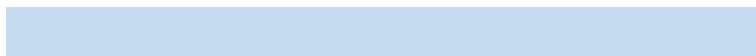
230, 217, 241

Complementary

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



240, 218, 198



198, 220, 240

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.



214, 221, 246



240, 218, 198



191, 228, 238

Square

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



240, 218, 198



199, 229, 213



199, 225, 245



242, 214, 230

Rectangle

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



240, 218, 198



218, 225, 200



199, 225, 245



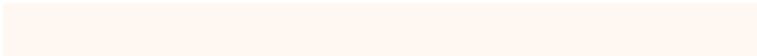
225, 218, 243

Sweetspot

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



240, 218, 198



255, 248, 242



240, 198, 220



128, 123, 120



0, 0, 0



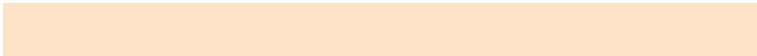
128, 128, 128

Same Dimension

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



240, 218, 198



255, 227, 201



240, 239, 198



120, 114, 108



184, 87, 0



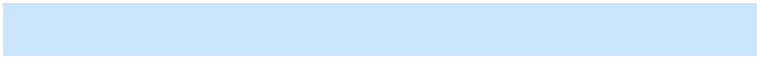
56, 27, 0

Inverse Universe

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



198, 220, 240



201, 230, 255



198, 199, 240



108, 114, 120



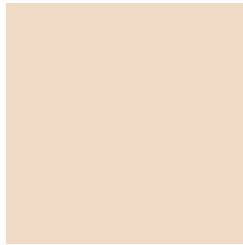
0, 96, 184



0, 29, 56

Previews

White Background



This preview shows how the RGB color 240, 218, 198 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 240, 218, 198 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

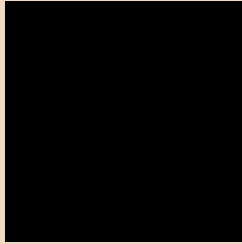
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

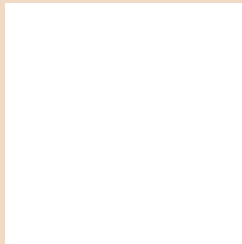
Any Text WCAG AAA ✓ Pass

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

RGB 240, 218, 198 Background



This preview shows how black text looks on a background with the RGB color 240, 218, 198.

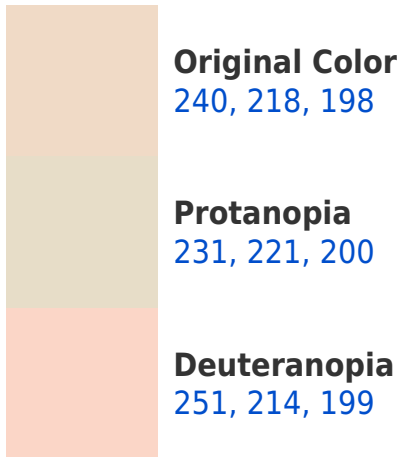


This preview shows how white text looks on a background with the RGB color 240, 218, 198.

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](#).

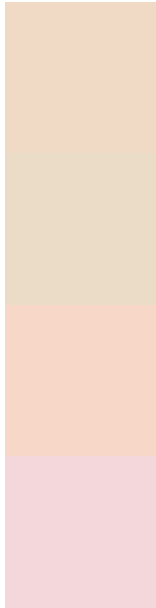
Dichromacy





Tritanopia
244, 213, 230

Trichromacy



Original Color

240, 218, 198

Protanomaly

234, 220, 199

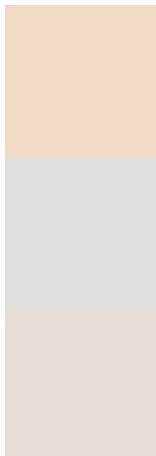
Deuteranomaly

247, 215, 199

Tritanomaly

243, 215, 218

Monochromacy



Original Color

240, 218, 198

Achromatopsia

222, 222, 222

Achromatomaly

229, 221, 213

CSS Examples

Text

The CSS property to change the color of the text to RGB 240, 218, 198 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(240, 218, 198)` looks like.

```
.text, #text, p{  
    color:rgb(240, 218, 198)  
}
```

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(240, 218, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 218, 198) }
```

Border

The CSS property to change the border of an element to RGB 240, 218, 198 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(240, 218, 198) }
```

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

```
.border{ border-color:rgb(240, 218, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 218, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 218, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 218, 198);  
box-shadow:4px 4px 4px 4px rgb(240, 218,  
198) }
```

Background

The CSS property to change the background color of an element to RGB 240, 218, 198 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 218, 198) }
```

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

```
.background{ background-color: rgb(240,  
218, 198) }
```

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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