

Converting Colors

RGB(242, 222, 218)

Have a look what the booklet for
RGB(242, 222, 218) contains.

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Color

RGB(242, 222, 218)

Conversions

Conversions Part 1

Format	Color
Hex	F2DEDA
RGB	242, 222, 218
RGB Percent	95%, 87%, 85%
CMY	0.0510, 0.1294, 0.1451
CMYK	0.00, 0.08, 0.10, 0.05
HSL	10°, 48%, 90%
HSV	10°, 10%, 95%
XYZ	75.3941, 76.1818, 77.0605
YIQ	227.5240, 13.2040, 2.9960

Conversions

Conversions Part 2

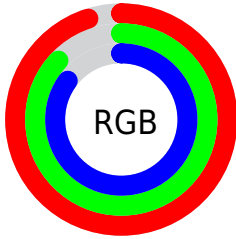
Format	Color
R _Y B	242, 223, 218
Decimal	15916762
CIE Lab	89.94, 6.19, 4.43
CIE LCh	90, 7.613, 35.574
Yxy	76.1818, 0.3298, 0.3332
Android (android.graphics.Color)	4294106842 (0xFFFF2DEDA)
YUV	227.5240, -4.6953, 12.6955
Hunter-Lab	87.2822, 1.4441, 8.7510

Details

The RGB color **242, 222, 218** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **218, 238, 242**, and the grayscale version is **228, 228, 228**.

A 20% lighter version of the original color is 255, 255, 255, and **186, 167, 163** is the 20% darker color. If you saturate the color by 10%, you get **242, 202, 194**, and if you desaturate by 10%, it is **242, 242, 242**.

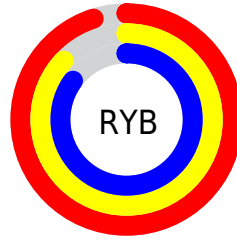
Distribution



Red (95%)

Green (87%)

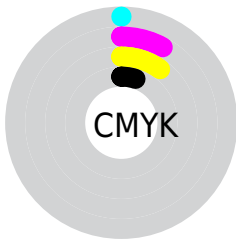
Blue (85%)



Red (95%)

Yellow (87%)

Blue (85%)

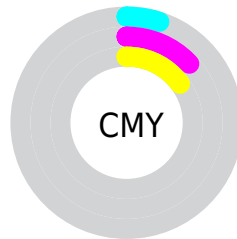


Cyan (0%)

Magenta (8%)

Yellow (10%)

Black (5%)



Cyan (5%)

Magenta (13%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the RGB color 242, 222, 218 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 242, 222, 218 by changing the saturation by 10% instead.

■ 242, 222, 218

255, 255, 255

■ 242, 222, 218

■ 214, 194, 190

■ 186, 167, 163

■ 159, 141, 137

■ 133, 115, 112

■ 107, 90, 87

■ 83, 67, 64

■ 59, 45, 42

■ 37, 24, 22


■ 15, 0, 0

 242, 222, 218


 242, 222, 218


 242, 202, 194

 242, 242, 242


 242, 182, 170

 242, 255, 255

 242, 162, 145

 242, 141, 121

 242, 121, 97

 242, 101, 73

 242, 81, 49

 242, 61, 24

 242, 41, 0

Harmonies

Analogous

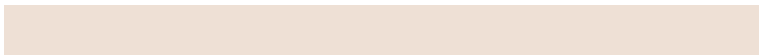
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



242, 221, 225



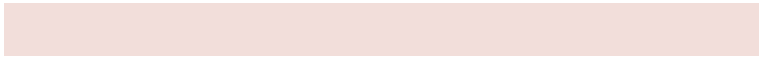
242, 222, 218



238, 224, 213

Triad

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



242, 222, 218



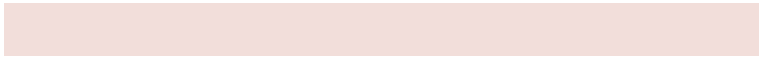
215, 230, 220



221, 226, 241

Complementary

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



242, 222, 218



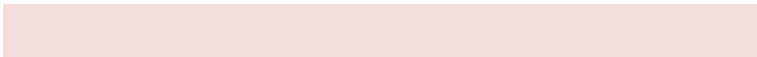
218, 238, 242

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.



213, 229, 239



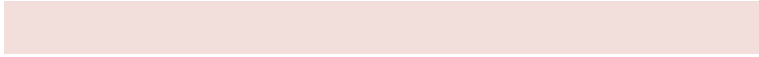
242, 222, 218



210, 231, 227

Square

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



242, 222, 218



223, 228, 214



209, 230, 234



229, 224, 238

Rectangle

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



242, 222, 218



234, 225, 212



209, 230, 234



218, 227, 240

Sweetspot

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



242, 222, 218



255, 249, 247



242, 218, 238



128, 123, 122



0, 0, 0



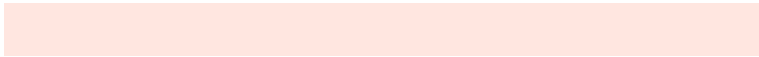
128, 128, 128

Same Dimension

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



242, 222, 218



255, 230, 224



242, 234, 218



120, 110, 108



184, 31, 0



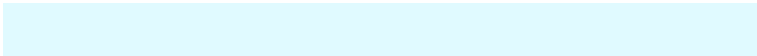
56, 9, 0

Inverse Universe

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



218, 238, 242



224, 250, 255



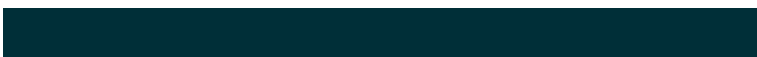
218, 226, 242



108, 118, 120



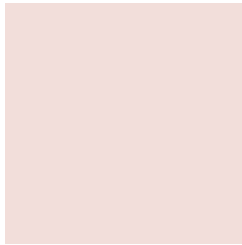
0, 153, 184



0, 47, 56

Previews

White Background



This preview shows how the RGB color 242, 222, 218 looks on a white background.

Color Contrast Check

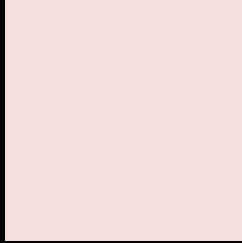
Large Text (above 18pt) WCAG AA × Fail

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 242, 222, 218 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

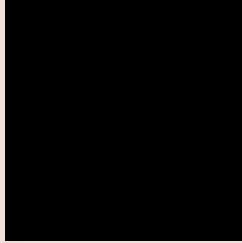
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

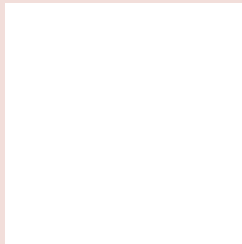
Any Text WCAG AAA ✓ Pass

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

RGB 242, 222, 218 Background



This preview shows how black text looks on a background with the RGB color 242, 222, 218.

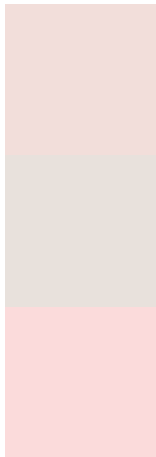


This preview shows how white text looks on a background with the RGB color 242, 222, 218.

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
242, 222, 218

Protanopia
232, 225, 220

Deuteranopia
251, 219, 219



Tritanopia
245, 219, 236

Trichromacy



Original Color

242, 222, 218

Protanomaly

236, 224, 219

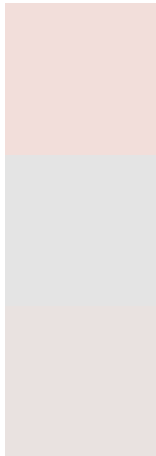
Deuteranomaly

248, 220, 219

Tritanomaly

244, 220, 229

Monochromacy



Original Color

242, 222, 218

Achromatopsia

228, 228, 228

Achromatomaly

233, 226, 224

CSS Examples

Text

The CSS property to change the color of the text to RGB 242, 222, 218 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(242, 222, 218)` looks like.

```
.text, #text, p{  
    color:rgb(242, 222, 218)  
}
```

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(242, 222, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 222, 218) }
```

Border

The CSS property to change the border of an element to RGB 242, 222, 218 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(242, 222, 218) }
```

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

```
.border{ border-color:rgb(242, 222, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 222, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 222, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 222, 218);  
box-shadow:4px 4px 4px 4px rgb(242, 222,  
218) }
```

Background

The CSS property to change the background color of an element to RGB 242, 222, 218 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 222, 218) }
```

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

```
.background{ background-color: rgb(242,  
222, 218) }
```

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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