

Converting Colors

RGB(242, 223, 210)

Have a look what the booklet for
RGB(242, 223, 210) contains.

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Color

RGB(242, 223, 210)

Conversions

Conversions Part 1

Format	Color
Hex	F2DFD2
RGB	242, 223, 210
RGB Percent	95%, 87%, 82%
CMY	0.0510, 0.1255, 0.1765
CMYK	0.00, 0.08, 0.13, 0.05
HSL	24°, 55%, 89%
HSV	24°, 13%, 95%
XYZ	74.6385, 76.3057, 71.7674
YIQ	227.1990, 15.4970, -0.0150

Conversions

Conversions Part 2

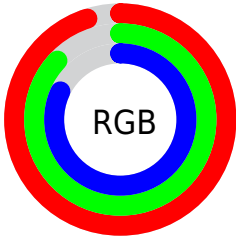
Format	Color
R _Y B	242, 232, 210
Decimal	15917010
CIE Lab	90.00, 4.39, 8.71
CIE LCh	90, 9.751, 63.224
Yxy	76.3057, 0.3351, 0.3426
Android (android.graphics.Color)	4294107090 (0xFFFF2DFD2)
YUV	227.1990, -8.4791, 12.9805
Hunter-Lab	87.3532, -0.3496, 12.4359

Details

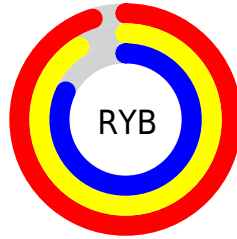
The RGB color **242, 223, 210** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **210, 229, 242**, and the grayscale version is **227, 227, 227**.

A 20% lighter version of the original color is **255, 255, 255**, and **186, 168, 156** is the 20% darker color. If you saturate the color by 10%, you get **242, 209, 186**, and if you desaturate by 10%, it is **242, 237, 234**.

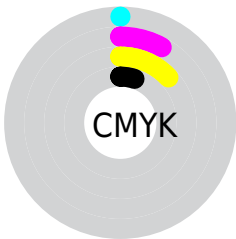
Distribution



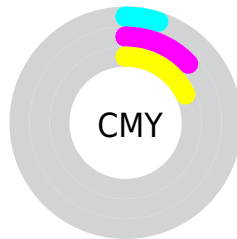
- Red (95%)
- Green (87%)
- Blue (82%)



- Red (95%)
- Yellow (91%)
- Blue (82%)



- Cyan (0%)
- Magenta (8%)
- Yellow (13%)
- Black (5%)



- Cyan (5%)
- Magenta (13%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the RGB color 242, 223, 210 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, 223, 210 by changing the saturation by 10% instead.

 242, 223, 210

255, 255, 255

 242, 223, 210

 214, 195, 182

 186, 168, 156

 159, 141, 130


 132, 116, 104

 107, 91, 80

 82, 68, 57

 59, 46, 36

 37, 25, 15


 11, 0, 0

 242, 223, 210

 242, 223, 210

 242, 209, 186

 242, 237, 234


 242, 194, 162

 242, 252, 255


 242, 180, 137


 242, 255, 255

 242, 166, 113

 242, 151, 89

 242, 137, 65

 242, 122, 41

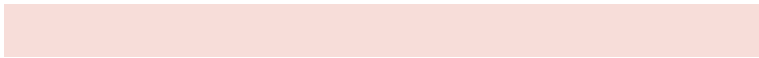
 242, 108, 16

 242, 98, 0

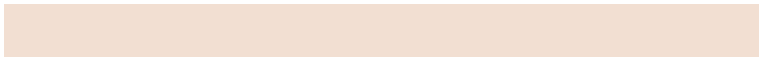
Harmonies

Analogous

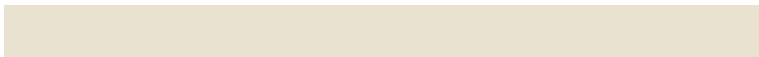
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



247, 221, 217



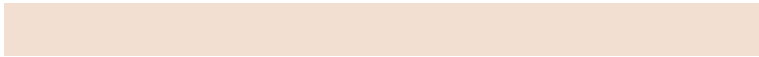
242, 223, 210



233, 226, 208

Triad

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



242, 223, 210



205, 232, 227



230, 224, 242

Complementary

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



242, 223, 210



210, 229, 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.



218, 227, 245



242, 223, 210



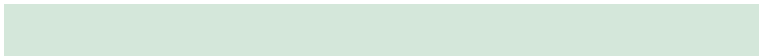
204, 232, 236

Square

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



242, 223, 210



212, 231, 218



208, 230, 243



240, 221, 235

Rectangle

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



242, 223, 210



226, 228, 209



208, 230, 243



226, 225, 243

Sweetspot

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



242, 223, 210



255, 249, 245



242, 210, 229



128, 124, 121



0, 0, 0



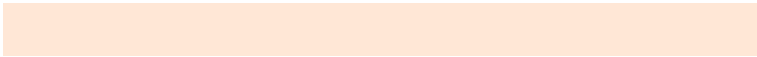
128, 128, 128

Same Dimension

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



242, 223, 210



255, 231, 214



242, 239, 210



120, 113, 108



184, 75, 0



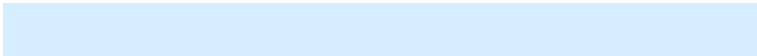
56, 23, 0

Inverse Universe

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



210, 229, 242



214, 238, 255



210, 213, 242



108, 115, 120



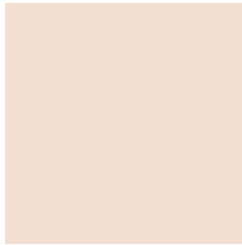
0, 109, 184



0, 33, 56

Previews

White Background



This preview shows how the RGB color 242, 223, 210 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, 223, 210 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

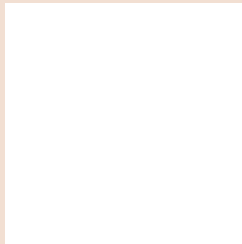
Any Text WCAG AAA ✓ Pass

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

RGB 242, 223, 210 Background



This preview shows how black text looks on a background with the RGB color 242, 223, 210.

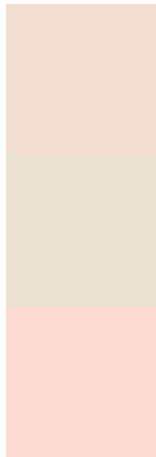


This preview shows how white text looks on a background with the RGB color 242, 223, 210.

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, 223, 210

Protanopia
234, 226, 211

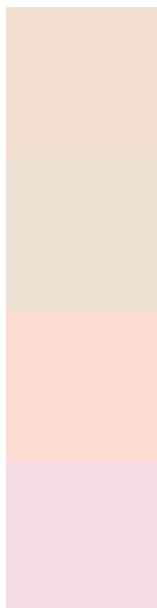
Deuteranopia
254, 219, 211



Tritanopia

246, 219, 236

Trichromacy



Original Color

242, 223, 210

Protanomaly

237, 225, 211

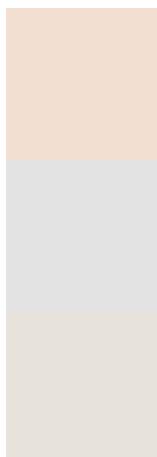
Deuteranomaly

250, 220, 211

Tritanomaly

245, 220, 227

Monochromacy



Original Color

242, 223, 210

Achromatopsia

227, 227, 227

Achromatomaly

232, 226, 221

CSS Examples

Text

The CSS property to change the color of the text to RGB 242, 223, 210 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, 223, 210)` looks like.

```
.text, #text, p{  
    color:rgb(242, 223, 210)  
}
```

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, 223, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 223, 210) }
```

Border

The CSS property to change the border of an element to RGB 242, 223, 210 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, 223, 210) }
```

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

```
.border{ border-color:rgb(242, 223, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 223, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(242, 223, 210); -webkit-box-shadow:4px 4px 4px 4px rgb(242, 223, 210); box-shadow:4px 4px 4px 4px rgb(242, 223, 210) }
```

Background

The CSS property to change the background color of an element to RGB 242, 223, 210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 223, 210) }
```

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

```
.background{ background-color: rgb(242,  
223, 210) }
```

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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