

Converting Colors

RGB(242, 231, 213)

Have a look what the booklet for
RGB(242, 231, 213) contains.

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Color

RGB(242, 231, 213)

Conversions

Conversions Part 1

Format	Color
Hex	F2E7D5
RGB	242, 231, 213
RGB Percent	95%, 91%, 84%
CMY	0.0510, 0.0941, 0.1647
CMYK	0.00, 0.05, 0.12, 0.05
HSL	37°, 53%, 89%
HSV	37°, 12%, 95%
XYZ	77.2041, 80.8332, 74.4841
YIQ	232.2370, 12.3340, -3.2660

Conversions

Conversions Part 2

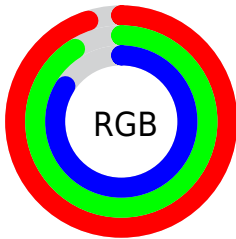
Format	Color
R_{YB}	231, 242, 213
Decimal	15919061
CIE _{Lab}	92.06, 0.76, 10.08
CIE _{LCh}	92, 10.110, 85.713
Yxy	80.8332, 0.3320, 0.3476
Android (android.graphics.Color)	4294109141 (0xFFFF2E7D5)
YUV	232.2370, -9.4838, 8.5622
Hunter-Lab	89.9073, -4.0583, 13.8160

Details

The RGB color **242, 231, 213** is a light color, and the websafe version is hex FFFFFF. A complement of this color would be **213, 224, 242**, and the grayscale version is **232, 232, 232**.

A 20% lighter version of the original color is 255, 255, 255, and **186, 175, 158** is the 20% darker color. If you saturate the color by 10%, you get **242, 222, 189**, and if you desaturate by 10%, it is **242, 240, 237**.

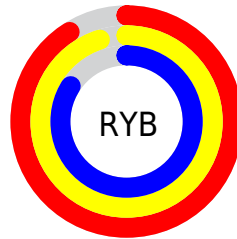
Distribution



Red (95%)

Green (91%)

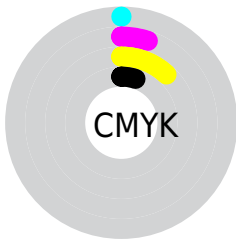
Blue (84%)



Red (91%)

Yellow (95%)

Blue (84%)

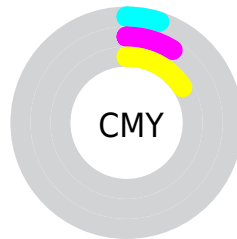


Cyan (0%)

Magenta (5%)

Yellow (12%)

Black (5%)



Cyan (5%)

Magenta (9%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the RGB color 242, 231, 213 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, 231, 213 by changing the saturation by 10% instead.

■ 242, 231, 213

255, 255, 255

■ 242, 231, 213

■ 214, 203, 185

■ 186, 175, 158

■ 159, 149, 132

■ 133, 123, 107

■ 107, 98, 83

■ 83, 74, 60

■ 59, 52, 38

■ 37, 31, 17

■ 13, 7, 0

 242, 231, 213

 242, 231, 213

 242, 222, 189


 242, 240, 237


 242, 213, 165


 242, 249, 255


 242, 203, 140


 242, 255, 255

 242, 194, 116

 242, 185, 92

 242, 176, 68

 242, 167, 44

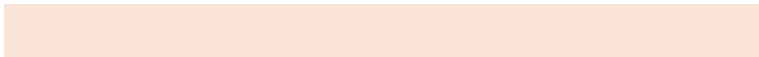
 242, 158, 19

 242, 150, 0

Harmonies

Analogous

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



250, 228, 216



242, 231, 213



231, 234, 215

Triad

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



242, 231, 213



208, 238, 240



244, 227, 243

Complementary

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



242, 231, 213



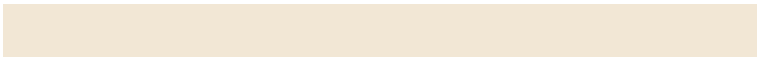
213, 224, 242

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.



233, 230, 250



242, 231, 213



212, 236, 248

Square

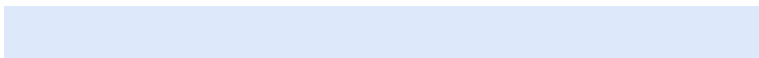
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



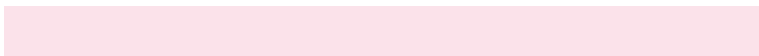
242, 231, 213



212, 238, 230



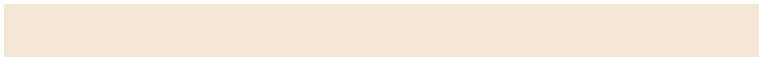
221, 233, 251



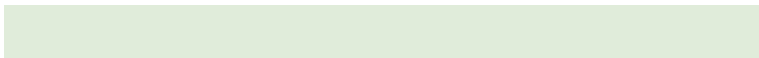
251, 226, 234

Rectangle

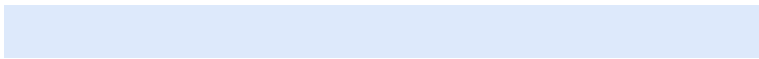
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



242, 231, 213



224, 236, 218



221, 233, 251



240, 228, 246

Sweetspot

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



242, 231, 213



255, 251, 245



242, 213, 224



128, 125, 121



0, 0, 0



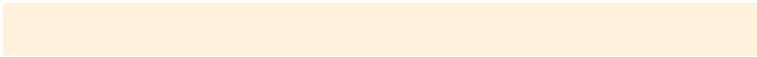
128, 128, 128

Same Dimension

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



242, 231, 213



255, 241, 219



239, 242, 213



120, 115, 108



184, 114, 0



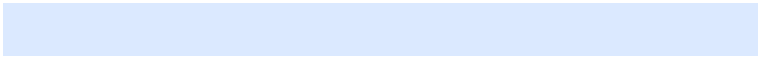
56, 35, 0

Inverse Universe

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



213, 224, 242



219, 233, 255



216, 213, 242



108, 112, 120



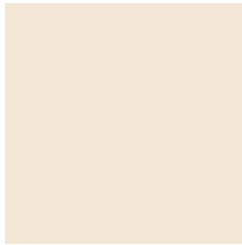
0, 70, 184



0, 21, 56

Previews

White Background



This preview shows how the RGB color 242, 231, 213 looks on a white background.

Color Contrast Check

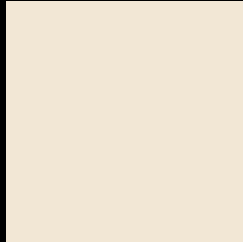
Large Text (above 18pt) WCAG AA × Fail

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, 231, 213 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

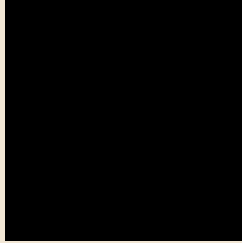
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

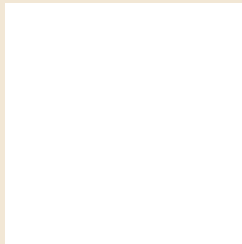
Any Text WCAG AAA ✓ Pass

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

RGB 242, 231, 213 Background



This preview shows how black text looks on a background with the RGB color 242, 231, 213.

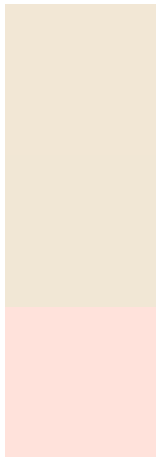


This preview shows how white text looks on a background with the RGB color 242, 231, 213.

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, 231, 213

Protanopia
241, 231, 213

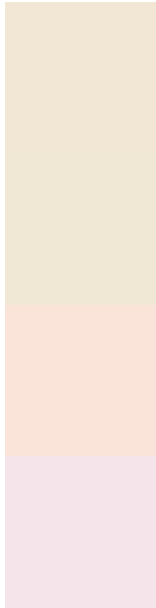
Deuteranopia
255, 226, 219



Tritanopia

246, 226, 244

Trichromacy



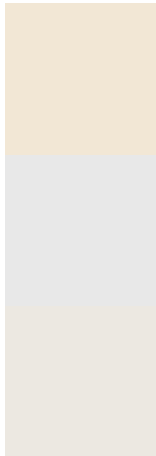
Original Color
242, 231, 213

Protanomaly
241, 231, 213

Deuteranomaly
250, 228, 217

Tritanomaly
245, 228, 233

Monochromacy



Original Color
242, 231, 213

Achromatopsia
232, 232, 232

Achromatomaly
236, 232, 225

CSS Examples

Text

The CSS property to change the color of the text to RGB 242, 231, 213 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, 231, 213)` looks like.

```
.text, #text, p{  
    color:rgb(242, 231, 213)  
}
```

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, 231, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 231, 213) }
```

Border

The CSS property to change the border of an element to RGB 242, 231, 213 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, 231, 213) }
```

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

```
.border{ border-color:rgb(242, 231, 213) }
```

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

Here you see how a box with a 4 pixel rgb(242, 231, 213) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 231, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 231, 213);  
box-shadow:4px 4px 4px 4px rgb(242, 231,  
213) }
```

Background

The CSS property to change the background color of an element to RGB 242, 231, 213 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 231, 213) }
```

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

```
.background{ background-color: rgb(242,  
231, 213) }
```

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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