

Converting Colors

RGB(242, 236, 217)

Have a look what the booklet for
RGB(242, 236, 217) contains.

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Color

RGB(242, 236, 217)

Conversions

Conversions Part 1

Format	Color
Hex	F2ECD9
RGB	242, 236, 217
RGB Percent	95%, 93%, 85%
CMY	0.0510, 0.0745, 0.1490
CMYK	0.00, 0.02, 0.10, 0.05
HSL	46°, 49%, 90%
HSV	46°, 10%, 95%
XYZ	79.1378, 83.8779, 77.6647
YIQ	235.6280, 9.6750, -4.6370

Conversions

Conversions Part 2

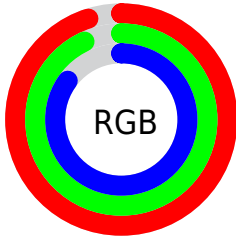
Format	Color
R_{YB}	225, 242, 217
Decimal	15920345
CIE Lab	93.40, -1.16, 9.92
CIE LCh	93, 9.986, 96.656
Yxy	83.8779, 0.3288, 0.3485
Android (android.graphics.Color)	4294110425 (0xFFF2ECD9)
YUV	235.6280, -9.1836, 5.5882
Hunter-Lab	91.5849, -6.0331, 13.8310

Details

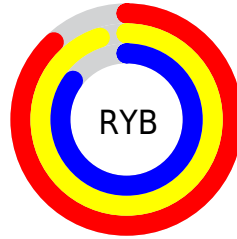
The RGB color **242, 236, 217** is a light color, and the websafe version is hex FFFFFF. A complement of this color would be **217, 223, 242**, and the grayscale version is **236, 236, 236**.

A 20% lighter version of the original color is 255, 255, 255, and **186, 180, 162** is the 20% darker color. If you saturate the color by 10%, you get **242, 230, 193**, and if you desaturate by 10%, it is **242, 242, 241**.

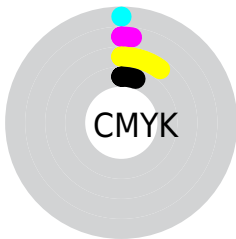
Distribution



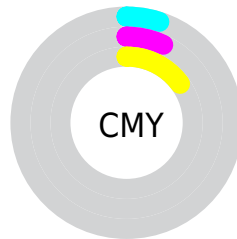
- Red (95%)
- Green (93%)
- Blue (85%)



- Red (88%)
- Yellow (95%)
- Blue (85%)



- Cyan (0%)
- Magenta (2%)
- Yellow (10%)
- Black (5%)



- Cyan (5%)
- Magenta (7%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the RGB color 242, 236, 217 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, 236, 217 by changing the saturation by 10% instead.

■ 242, 236, 217

255, 255, 255

■ 242, 236, 217

■ 214, 208, 189

■ 186, 180, 162

■ 159, 153, 136

■ 133, 128, 111

■ 107, 103, 86

■ 83, 79, 63

■ 60, 56, 41

■ 38, 34, 21

■ 15, 13, 0

 242, 236, 217

 242, 236, 217

 242, 230, 193

 242, 242, 241

 242, 224, 169

 242, 248, 255


 242, 219, 144

 242, 253, 255


 242, 213, 120

 242, 255, 255

 242, 207, 96

 242, 201, 72

 242, 195, 48

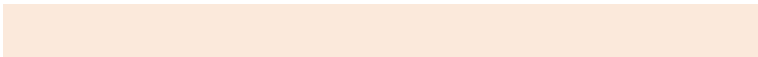
 242, 190, 23

 242, 184, 0

Harmonies

Analogous

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



251, 233, 219



242, 236, 217



231, 239, 220

Triad

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



242, 236, 217



213, 241, 247



251, 231, 244

Complementary

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



242, 236, 217



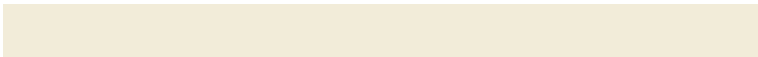
217, 223, 242

Split Complementary

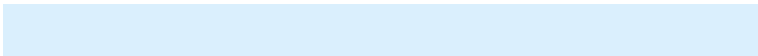
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



241, 233, 251



242, 236, 217



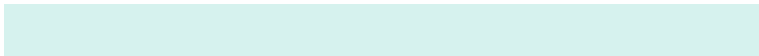
218, 239, 253

Square

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



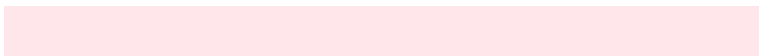
242, 236, 217



214, 242, 238



229, 236, 255



255, 230, 234

Rectangle

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



242, 236, 217



224, 241, 225



229, 236, 255



248, 231, 247

Sweetspot

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



242, 236, 217



255, 253, 247



242, 217, 223



128, 126, 122



0, 0, 0



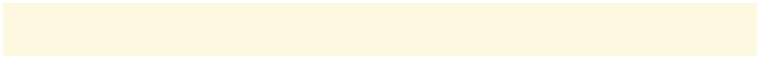
128, 128, 128

Same Dimension

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



242, 236, 217



255, 248, 224



236, 242, 217



120, 117, 108



184, 140, 0



56, 43, 0

Inverse Universe

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



217, 223, 242



224, 232, 255



223, 217, 242



108, 111, 120



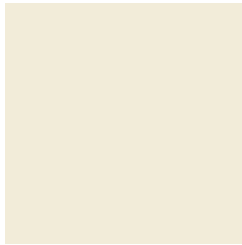
0, 44, 184



0, 13, 56

Previews

White Background



This preview shows how the RGB color 242, 236, 217 looks on a white background.

Color Contrast Check

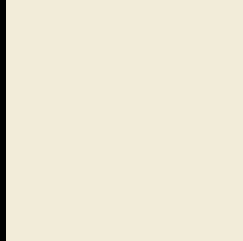
Large Text (above 18pt) WCAG AA × Fail

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, 236, 217 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

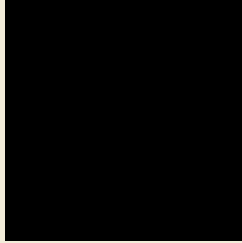
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

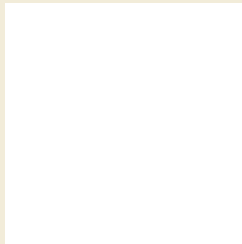
Any Text WCAG AAA ✓ Pass

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

RGB 242, 236, 217 Background



This preview shows how black text looks on a background with the RGB color 242, 236, 217.

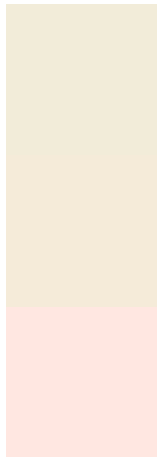


This preview shows how white text looks on a background with the RGB color 242, 236, 217.

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](#), [236](#), [217](#)

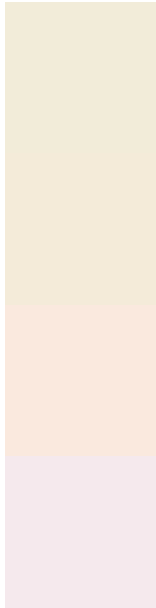
Protanopia
[245](#), [235](#), [217](#)

Deuteranopia
[255](#), [231](#), [225](#)



Tritanopia
247, 231, 249

Trichromacy



Original Color

242, 236, 217

Protanomaly

244, 235, 217

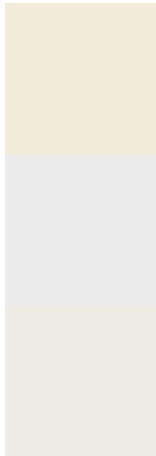
Deuteranomaly

250, 233, 222

Tritanomaly

245, 233, 237

Monochromacy



Original Color

242, 236, 217

Achromatopsia

236, 236, 236

Achromatomaly

238, 236, 229

CSS Examples

Text

The CSS property to change the color of the text to RGB 242, 236, 217 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, 236, 217)` looks like.

```
.text, #text, p{  
    color:rgb(242, 236, 217)  
}
```

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, 236, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 236, 217) }
```

Border

The CSS property to change the border of an element to RGB 242, 236, 217 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, 236, 217) }
```

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

```
.border{ border-color:rgb(242, 236, 217) }
```

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

Here you see how a box with a 4 pixel rgb(242, 236, 217) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 236, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 236, 217);  
box-shadow:4px 4px 4px 4px rgb(242, 236,  
217) }
```

Background

The CSS property to change the background color of an element to RGB 242, 236, 217 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 236, 217) }
```

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

```
.background{ background-color: rgb(242,  
236, 217) }
```

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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