

Converting Colors

RGB(245, 238, 215)

Have a look what the booklet for
RGB(245, 238, 215) contains.

RGB(245, 238, 215)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(245, 238, 215)

Conversions

Conversions Part 1

Format	Color
Hex	F5EED7
RGB	245, 238, 215
RGB Percent	96%, 93%, 84%
CMY	0.0392, 0.0667, 0.1569
CMYK	0.00, 0.03, 0.12, 0.04
HSL	46°, 60%, 90%
HSV	46°, 12%, 96%
XYZ	80.4965, 85.4678, 76.5443
YIQ	237.4710, 11.5550, -5.6690

Conversions

Conversions Part 2

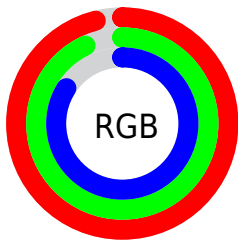
Format	Color
RYB	224, 245, 215
Decimal	16117463
CIELab	94.08, -1.44, 11.97
CIELCh	94, 12.053, 96.869
Yxy	85.4678, 0.3319, 0.3524
Android (android.graphics.Color)	4294307543 (0xFFFF5EED7)
YUV	237.4710, -11.0782, 6.6029
Hunter-Lab	92.4488, -6.3630, 15.6242

Details

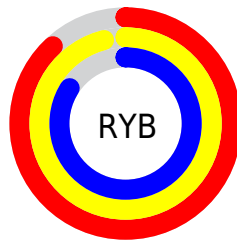
The RGB color **245, 238, 215** is a light color, and the websafe version is hex FFFFFF. A complement of this color would be **215, 222, 245**, and the grayscale version is **238, 238, 238**.

A 20% lighter version of the original color is 255, 255, 255, and **189, 182, 160** is the 20% darker color. If you saturate the color by 10%, you get **245, 232, 191**, and if you desaturate by 10%, it is **245, 244, 240**.

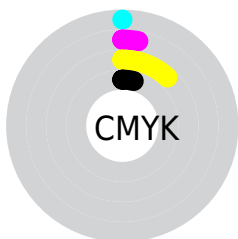
Distribution



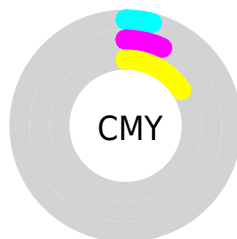
- Red (96%)
- Green (93%)
- Blue (84%)



- Red (88%)
- Yellow (96%)
- Blue (84%)



- Cyan (0%)
- Magenta (3%)
- Yellow (12%)
- Black (4%)



- Cyan (4%)
- Magenta (7%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the RGB color 245, 238, 215 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 245, 238, 215 by changing the saturation by 10% instead.

■ 245, 238, 215

255, 255, 255

■ 245, 238, 215

■ 216, 210, 187

■ 189, 182, 160

■ 162, 155, 134

■ 135, 129, 109

■ 110, 104, 84

■ 85, 80, 61

■ 62, 57, 39

■ 40, 36, 19

■ 18, 15, 0

 245, 238, 215

 245, 238, 215

 245, 232, 191

 245, 244, 240


 245, 227, 166

 245, 249, 255


 245, 221, 142


 245, 255, 255

 245, 215, 117

 245, 209, 93

 245, 204, 68

 245, 198, 44

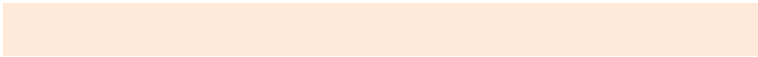
 245, 192, 19

 245, 188, 0

Harmonies

Analogous

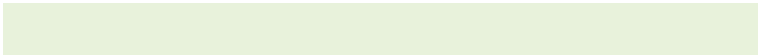
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



255, 234, 217



245, 238, 215



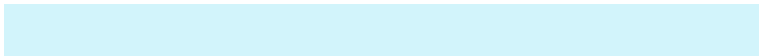
232, 242, 219

Triad

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



245, 238, 215



210, 244, 251



255, 231, 247

Complementary

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



245, 238, 215



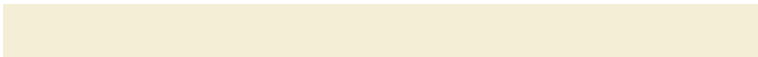
215, 222, 245

Split Complementary

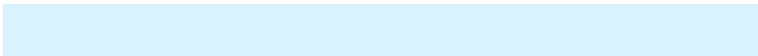
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



244, 234, 255



245, 238, 215



217, 242, 255

Square

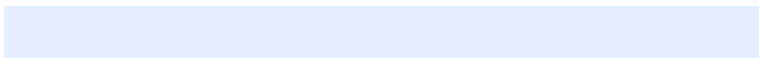
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



245, 238, 215



211, 245, 240



229, 238, 255



255, 230, 236

Rectangle

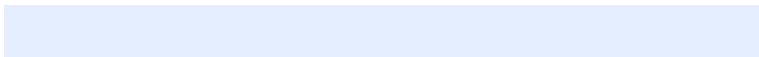
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



245, 238, 215



223, 243, 225



229, 238, 255



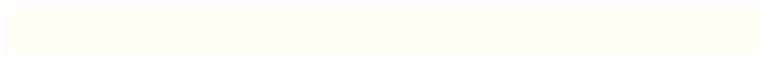
252, 232, 251

Sweetspot

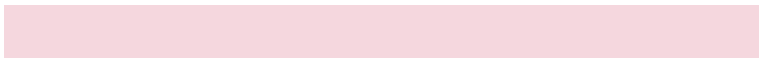
The Sweet Spot groups the original color and five complimentary colors.



245, 238, 215



255, 253, 245



245, 215, 222



128, 126, 121



0, 0, 0



128, 128, 128

Same Dimension

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



245, 238, 215



255, 246, 217



237, 245, 215



122, 120, 110



186, 143, 0



59, 45, 0

Inverse Universe

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



215, 222, 245



217, 226, 255



223, 215, 245



110, 113, 122



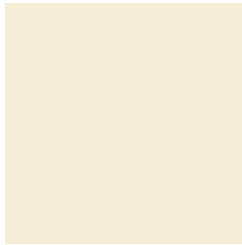
0, 43, 186



0, 14, 59

Previews

White Background



This preview shows how the RGB color 245, 238, 215 looks on a white background.

Color Contrast Check

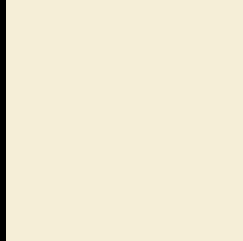
Large Text (above 18pt) WCAG AA × Fail

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 245, 238, 215 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

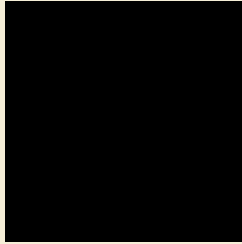
Any Text WCAG AA ✓ Pass

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 245, 238, 215 Background



This preview shows how black text looks on a background with the RGB color 245, 238, 215.

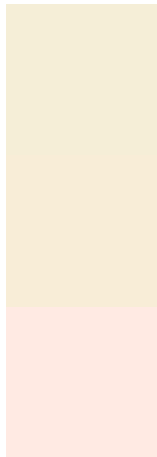


This preview shows how white text looks on a background with the RGB color 245, 238, 215.

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
245, 238, 215

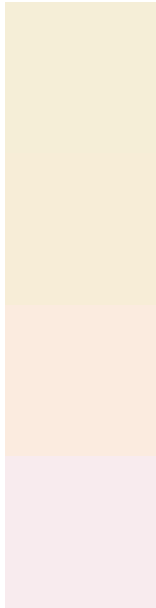
Protanopia
248, 237, 215

Deuteranopia
255, 234, 227



Tritanopia
250, 233, 251

Trichromacy



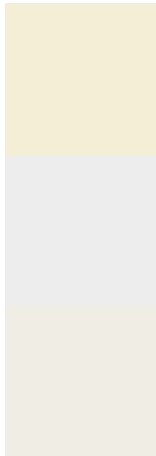
Original Color
245, 238, 215

Protanomaly
247, 237, 215

Deuteranomaly
251, 235, 223

Tritanomaly
248, 235, 238

Monochromacy



Original Color
245, 238, 215

Achromatopsia
237, 237, 237

Achromatomaly
240, 237, 229

CSS Examples

Text

The CSS property to change the color of the text to RGB 245, 238, 215 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(245, 238, 215)` looks like.

```
.text, #text, p{  
    color:rgb(245, 238, 215)  
}
```

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(245, 238, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 238, 215) }
```

Border

The CSS property to change the border of an element to RGB 245, 238, 215 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(245, 238, 215) }
```

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

```
.border{ border-color:rgb(245, 238, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 238, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 238, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 238, 215);  
box-shadow:4px 4px 4px 4px rgb(245, 238,  
215) }
```

Background

The CSS property to change the background color of an element to RGB 245, 238, 215 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 238, 215) }
```

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

```
.background{ background-color: rgb(245,  
238, 215) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor