

Converting Colors

RGB(245, 245, 205)

Have a look what the booklet for
RGB(245, 245, 205) contains.

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Color

RGB(245, 245, 205)

Conversions

Conversions Part 1

Format	Color
Hex	F5F5CD
RGB	245, 245, 205
RGB Percent	96%, 96%, 80%
CMY	0.0392, 0.0392, 0.1961
CMYK	0.00, 0.00, 0.16, 0.04
HSL	60°, 67%, 88%
HSV	60°, 16%, 96%
XYZ	81.3280, 89.1251, 70.6740
YIQ	240.4400, 12.8400, -12.4400

Conversions

Conversions Part 2

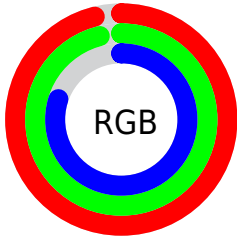
Format	Color
RYP	205, 245, 205
Decimal	16119245
CIELab	95.63, -6.49, 19.30
CIElCh	96, 20.366, 108.588
Yxy	89.1251, 0.3373, 0.3696
Android (android.graphics.Color)	4294309325 (0xFFFF5F5CD)
YUV	240.4400, -17.4719, 3.9991
Hunter-Lab	94.4061, -11.4382, 21.6987

Details

The RGB color **245, 245, 205** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **205, 205, 245**, and the grayscale version is **241, 241, 241**.

A 20% lighter version of the original color is **255, 255, 255**, and **188, 189, 151** is the 20% darker color. If you saturate the color by 10%, you get **245, 245, 180**, and if you desaturate by 10%, it is **245, 245, 230**.

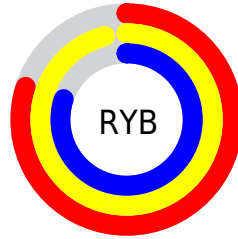
Distribution



Red (96%)

Green (96%)

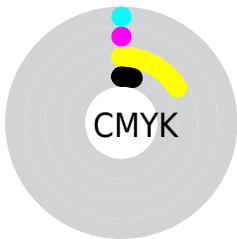
Blue (80%)



Red (80%)

Yellow (96%)

Blue (80%)

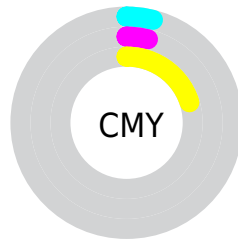


Cyan (0%)

Magenta (0%)

Yellow (16%)

Black (4%)



Cyan (4%)

Magenta (4%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the RGB color 245, 245, 205 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, 245, 205 by changing the saturation by 10% instead.


 245, 245, 205

 245, 245, 205

255, 255, 255

 216, 217, 177


 188, 189, 151

 161, 162, 125

 135, 136, 100

 109, 110, 76

 85, 86, 53

 61, 63, 31

 39, 41, 8

 14, 21, 0

 245, 245, 205

 245, 245, 205

 245, 245, 180

 245, 245, 230


 245, 245, 156


 245, 245, 254


 245, 245, 132

 245, 245, 255

 245, 245, 107

 245, 245, 83

 245, 245, 58

 245, 245, 34

 245, 245, 9

 245, 245, 0

Harmonies

Analogous

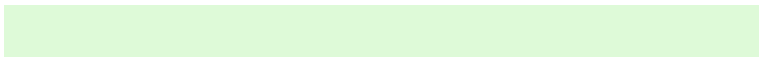
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



255, 239, 204



245, 245, 205



222, 250, 216

Triad

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



245, 245, 205



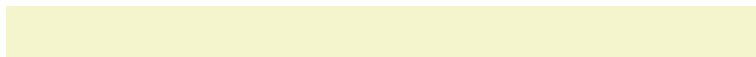
194, 251, 255



255, 230, 251

Complementary

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



245, 245, 205



205, 205, 245

Split Complementary

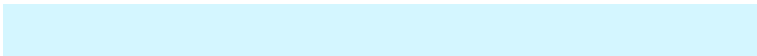
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 234, 255



245, 245, 205



212, 246, 255

Square

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



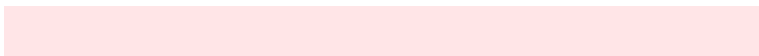
245, 245, 205



191, 254, 254



237, 240, 255



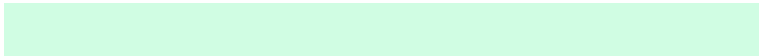
255, 229, 231

Rectangle

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



245, 245, 205



208, 253, 227



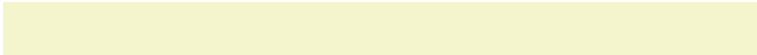
237, 240, 255



255, 231, 255

Sweetspot

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



245, 245, 205



255, 255, 242



245, 205, 205



128, 128, 120



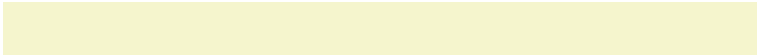
0, 0, 0



128, 128, 128

Same Dimension

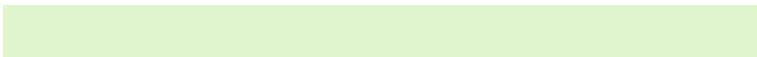
The Same Dimension uses a secret algorithm to generate beautiful new colors.



245, 245, 205



255, 255, 204



225, 245, 205



122, 122, 110



186, 186, 0



59, 59, 0

Inverse Universe

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



205, 205, 245



204, 204, 255



225, 205, 245



110, 110, 122



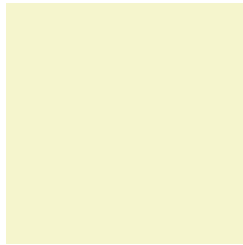
0, 0, 186



0, 0, 59

Previews

White Background



This preview shows how the RGB color 245, 245, 205 looks on a white background.

Color Contrast Check

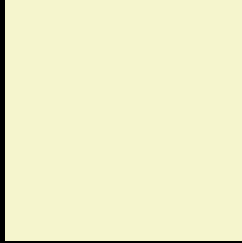
Large Text (above 18pt) WCAG AA × Fail

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, 245, 205 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

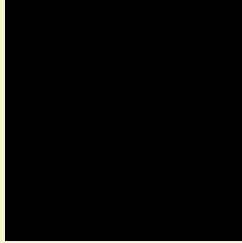
Any Text WCAG AA ✓ Pass

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, 245, 205 Background



This preview shows how black text looks on a background with the RGB color 245, 245, 205.

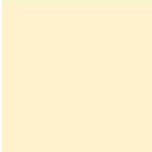


This preview shows how white text looks on a background with the RGB color 245, 245, 205.

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

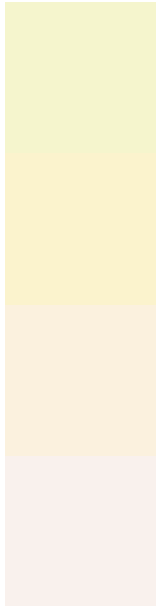
	Original Color 245, 245, 205
	Protanopia 255, 242, 205
	Deuteranopia 255, 239, 231



Tritanopia

251, 238, 255

Trichromacy



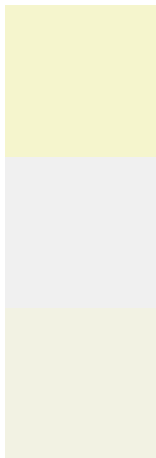
Original Color
245, 245, 205

Protanomaly
251, 243, 205

Deuteranomaly
251, 241, 222

Tritanomaly
249, 241, 237

Monochromacy



Original Color
245, 245, 205

Achromatopsia
240, 240, 240

Achromatomaly
242, 242, 227

CSS Examples

Text

The CSS property to change the color of the text to RGB 245, 245, 205 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, 245, 205)` looks like.

```
.text, #text, p{  
    color:rgb(245, 245, 205)  
}
```

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, 245, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 245, 205) }
```

Border

The CSS property to change the border of an element to RGB 245, 245, 205 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, 245, 205) }
```

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

```
.border{ border-color:rgb(245, 245, 205) }
```

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

Here you see how a box with a 4 pixel rgb(245, 245, 205) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 245, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 245, 205);  
box-shadow:4px 4px 4px 4px rgb(245, 245,  
205) }
```

Background

The CSS property to change the background color of an element to RGB 245, 245, 205 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 245, 205) }
```

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

```
.background{ background-color: rgb(245,  
245, 205) }
```

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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