

Converting Colors

RGB(245, 221, 191)

Have a look what the booklet for
RGB(245, 221, 191) contains.

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Color

RGB(245, 221, 191)

Conversions

Conversions Part 1

Format	Color
Hex	F5DDBF
RGB	245, 221, 191
RGB Percent	96%, 87%, 75%
CMY	0.0392, 0.1333, 0.2510
CMYK	0.00, 0.10, 0.22, 0.04
HSL	33°, 73%, 85%
HSV	33°, 22%, 96%
XYZ	72.9166, 74.8870, 59.9017
YIQ	224.7560, 23.9340, -4.2420

Conversions

Conversions Part 2

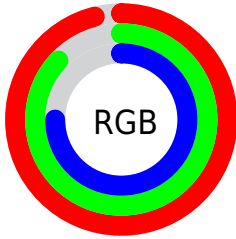
Format	Color
R _Y B	234, 245, 191
Decimal	16113087
CIE Lab	89.34, 3.67, 17.74
CIE LCh	89, 18.117, 78.320
Yxy	74.8870, 0.3511, 0.3605
Android (android.graphics.Color)	4294303167 (0xFFF5DDBF)
YUV	224.7560, -16.6417, 17.7540
Hunter-Lab	86.5373, -1.0354, 19.5351

Details

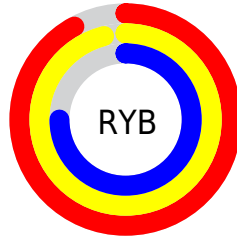
The RGB color **245, 221, 191** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **191, 215, 245**, and the grayscale version is **225, 225, 225**.

A 20% lighter version of the original color is **255, 255, 247**, and **188, 166, 138** is the 20% darker color. If you saturate the color by 10%, you get **245, 210, 166**, and if you desaturate by 10%, it is **245, 232, 216**.

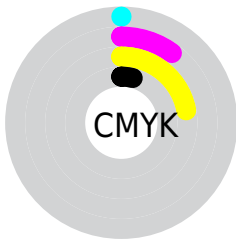
Distribution



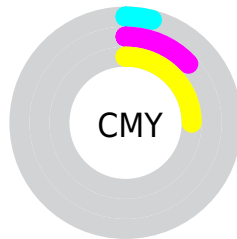
- Red (96%)
- Green (87%)
- Blue (75%)



- Red (92%)
- Yellow (96%)
- Blue (75%)



- Cyan (0%)
- Magenta (10%)
- Yellow (22%)
- Black (4%)



- Cyan (4%)
- Magenta (13%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the RGB color 245, 221, 191 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, 221, 191 by changing the saturation by 10% instead.


 245, 221, 191


255, 255, 255

 255, 255, 247

 245, 221, 191

 216, 193, 164

 188, 166, 138

 161, 140, 112

 134, 114, 87

 108, 90, 64

 84, 66, 42

 60, 44, 21

 38, 24, 0

 2, 0, 0

 245, 221, 191

 245, 221, 191

 245, 210, 166


 245, 232, 216

 245, 199, 142


 245, 243, 240


 245, 188, 118


 245, 254, 255

 245, 177, 93

 245, 255, 255

 245, 167, 68

 245, 156, 44

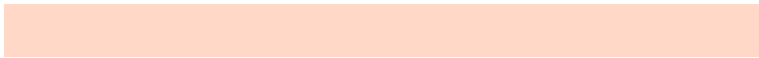
 245, 145, 19

 245, 136, 0

Harmonies

Analogous

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



255, 216, 199



245, 221, 191



227, 227, 192

Triad

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



245, 221, 191



180, 235, 235



240, 217, 248

Complementary

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



245, 221, 191



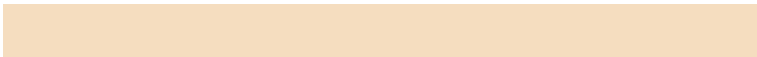
191, 215, 245

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.



219, 222, 255



245, 221, 191



183, 232, 250

Square

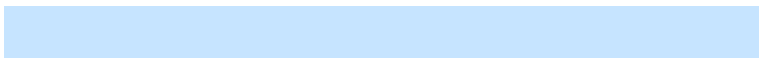
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



245, 221, 191



190, 234, 217



198, 228, 255



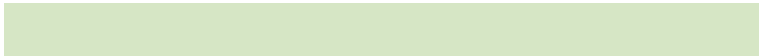
255, 213, 232

Rectangle

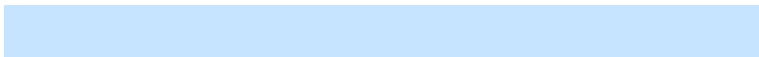
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



245, 221, 191



214, 230, 197



198, 228, 255



234, 219, 252

Sweetspot

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



245, 221, 191



255, 247, 237



245, 191, 215



128, 123, 117



0, 0, 0



128, 128, 128

Same Dimension

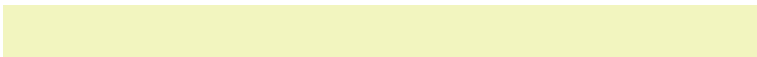
The Same Dimension uses a secret algorithm to generate beautiful new colors.



245, 221, 191



255, 226, 189



242, 245, 191



122, 117, 110



186, 103, 0



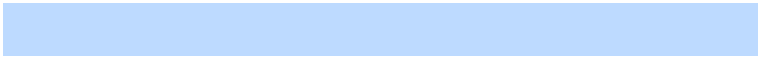
59, 33, 0

Inverse Universe

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



191, 215, 245



189, 218, 255



194, 191, 245



110, 116, 122



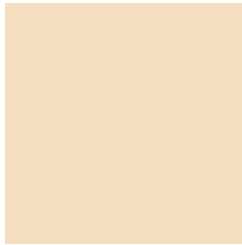
0, 83, 186



0, 26, 59

Previews

White Background



This preview shows how the RGB color 245, 221, 191 looks on a white background.

Color Contrast Check

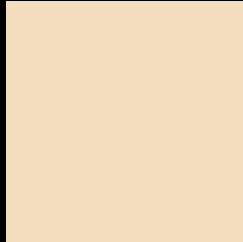
Large Text (above 18pt) WCAG AA × Fail

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, 221, 191 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

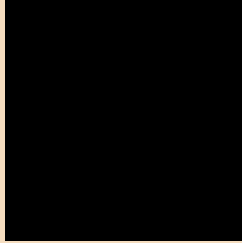
Any Text WCAG AA ✓ Pass

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, 221, 191 Background



This preview shows how black text looks on a background with the RGB color 245, 221, 191.



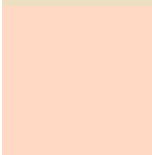



This preview shows how white text looks on a background with the RGB color 245, 221, 191.

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, 221, 191
	Protanopia 236, 224, 192
	Deuteranopia 255, 217, 195



Tritanopia

250, 215, 232

Trichromacy



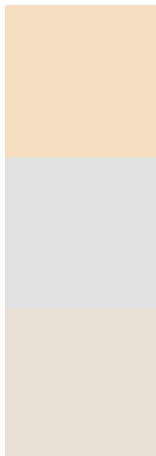
Original Color
245, 221, 191

Protanomaly
239, 223, 192

Deuteranomaly
251, 218, 194

Tritanomaly
248, 217, 217

Monochromacy



Original Color
245, 221, 191

Achromatopsia
225, 225, 225

Achromatomaly
232, 224, 213

CSS Examples

Text

The CSS property to change the color of the text to RGB 245, 221, 191 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, 221, 191)` looks like.

```
.text, #text, p{  
    color:rgb(245, 221, 191)  
}
```

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, 221, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 221, 191) }
```

Border

The CSS property to change the border of an element to RGB 245, 221, 191 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, 221, 191) }
```

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

```
.border{ border-color:rgb(245, 221, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 221, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 221, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 221, 191);  
box-shadow:4px 4px 4px 4px rgb(245, 221,  
191) }
```

Background

The CSS property to change the background color of an element to RGB 245, 221, 191 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 221, 191) }
```

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

```
.background{ background-color: rgb(245,  
221, 191) }
```

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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