

Converting Colors

RGB(245, 222, 181)

Have a look what the booklet for
RGB(245, 222, 181) contains.

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Color

RGB(245, 222, 181)

Conversions

Conversions Part 1

Format	Color
Hex	F5DEB5
RGB	245, 222, 181
RGB Percent	96%, 87%, 71%
CMY	0.0392, 0.1294, 0.2902
CMYK	0.00, 0.09, 0.26, 0.04
HSL	38°, 76%, 84%
HSV	38°, 26%, 96%
XYZ	72.1180, 74.9912, 54.3898
YIQ	224.2030, 26.8690, -7.8750

Conversions

Conversions Part 2

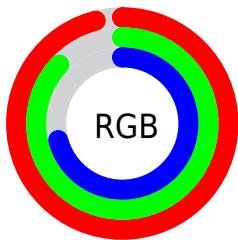
Format	Color
R _Y B	217, 245, 181
Decimal	16113333
CIE Lab	89.39, 1.78, 23.02
CIE LCh	89, 23.084, 85.578
Yxy	74.9912, 0.3579, 0.3722
Android (android.graphics.Color)	4294303413 (0xFFF5DEB5)
YUV	224.2030, -21.2991, 18.2390
Hunter-Lab	86.5975, -2.8917, 23.3796

Details

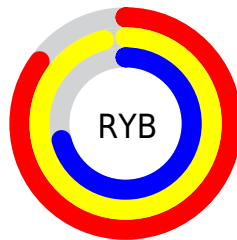
The RGB color **245, 222, 181** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **181, 204, 245**, and the grayscale version is **224, 224, 224**.

A 20% lighter version of the original color is **255, 255, 237**, and **188, 167, 128** is the 20% darker color. If you saturate the color by 10%, you get **245, 213, 157**, and if you desaturate by 10%, it is **245, 231, 206**.

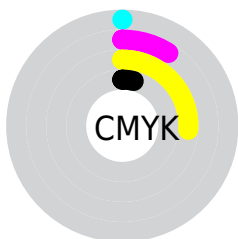
Distribution



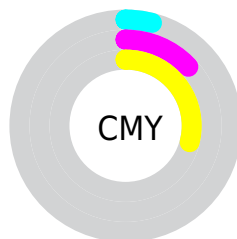
- Red (96%)
- Green (87%)
- Blue (71%)



- Red (85%)
- Yellow (96%)
- Blue (71%)



- Cyan (0%)
- Magenta (9%)
- Yellow (26%)
- Black (4%)



- Cyan (4%)
- Magenta (13%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the RGB color 245, 222, 181 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, 222, 181 by changing the saturation by 10% instead.

 245, 222, 181


255, 255, 255

 255, 255, 237

 245, 222, 181

 216, 194, 154

 188, 167, 128

 161, 141, 103

 134, 115, 78

 108, 91, 55

 83, 67, 33

 59, 45, 11

 36, 25, 0

 0, 0, 0

■ 245, 222, 181

■ 245, 222, 181

■ 245, 213, 157

■ 245, 231, 206

■ 245, 204, 132

■ 245, 240, 230

■ 245, 196, 108

■ 245, 248, 255

■ 245, 187, 83

■ 245, 255, 255

■ 245, 178, 59

■ 245, 169, 34

■ 245, 160, 10

■ 245, 157, 0

Harmonies

Analogous

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



255, 215, 189



245, 222, 181



221, 229, 185

Triad

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



245, 222, 181



165, 237, 243



250, 213, 250

Complementary

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



245, 222, 181



181, 204, 245

Split Complementary

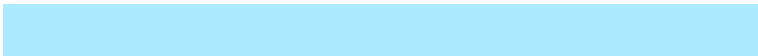
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



224, 220, 255



245, 222, 181



172, 234, 255

Square

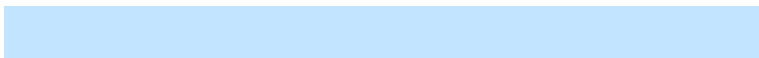
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



245, 222, 181



175, 237, 220



195, 228, 255



255, 209, 229

Rectangle

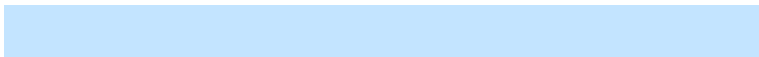
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



245, 222, 181



204, 233, 193



195, 228, 255



243, 215, 255

Sweetspot

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



245, 222, 181



255, 248, 235



245, 181, 204



128, 123, 115



0, 0, 0



128, 128, 128

Same Dimension

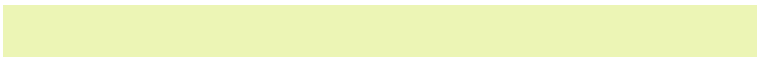
The Same Dimension uses a secret algorithm to generate beautiful new colors.



245, 222, 181



255, 227, 176



236, 245, 181



122, 118, 110



186, 119, 0



59, 38, 0

Inverse Universe

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



181, 204, 245



176, 204, 255



190, 181, 245



110, 115, 122



0, 67, 186



0, 21, 59

Previews

White Background



This preview shows how the RGB color 245, 222, 181 looks on a white background.

Color Contrast Check

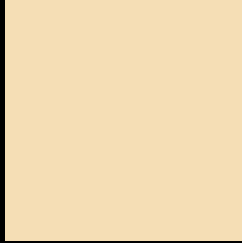
Large Text (above 18pt) WCAG AA × Fail

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, 222, 181 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

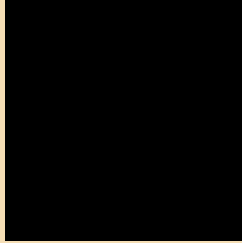
Any Text WCAG AA ✓ Pass

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, 222, 181 Background



This preview shows how black text looks on a background with the RGB color 245, 222, 181.




This preview shows how white text looks on a background with the RGB color 245, 222, 181.


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

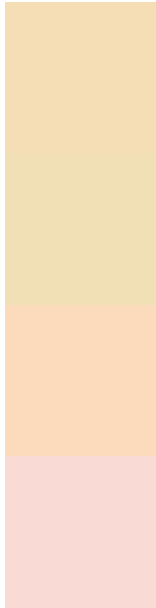


Original Color 245, 222, 181
Protanopia 238, 224, 182
Deuteranopia 255, 218, 191



Tritanopia
251, 215, 232

Trichromacy



Original Color

245, 222, 181

Protanomaly

241, 223, 182

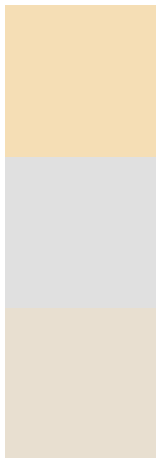
Deuteranomaly

251, 219, 187

Tritanomaly

249, 218, 213

Monochromacy



Original Color

245, 222, 181

Achromatopsia

224, 224, 224

Achromatomaly

232, 223, 208

CSS Examples

Text

The CSS property to change the color of the text to RGB 245, 222, 181 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, 222, 181)` looks like.

```
.text, #text, p{  
    color:rgb(245, 222, 181)  
}
```

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, 222, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 222, 181) }
```

Border

The CSS property to change the border of an element to RGB 245, 222, 181 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, 222, 181) }
```

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

```
.border{ border-color:rgb(245, 222, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 222, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 222, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 222, 181);  
box-shadow:4px 4px 4px 4px rgb(245, 222,  
181) }
```

Background

The CSS property to change the background color of an element to RGB 245, 222, 181 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 222, 181) }
```

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

```
.background{ background-color: rgb(245,  
222, 181) }
```

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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