

Converting Colors

RGB(245, 222, 206)

Have a look what the booklet for
RGB(245, 222, 206) contains.

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Color

RGB(245, 222, 206)

Conversions

Conversions Part 1

Format	Color
Hex	F5DECE
RGB	245, 222, 206
RGB Percent	96%, 87%, 81%
CMY	0.0392, 0.1294, 0.1922
CMYK	0.00, 0.09, 0.16, 0.04
HSL	25°, 66%, 88%
HSV	25°, 16%, 96%
XYZ	74.9180, 76.1113, 69.1349
YIQ	227.0530, 18.8440, -0.1000

Conversions

Conversions Part 2

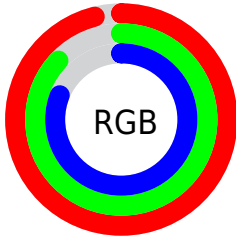
Format	Color
R _Y B	245, 233, 206
Decimal	16113358
CIE Lab	89.91, 5.36, 10.71
CIE LCh	90, 11.971, 63.417
Yxy	76.1113, 0.3403, 0.3457
Android (android.graphics.Color)	4294303438 (0xFFF5DECE)
YUV	227.0530, -10.3791, 15.7395
Hunter-Lab	87.2418, 0.6121, 14.0848

Details

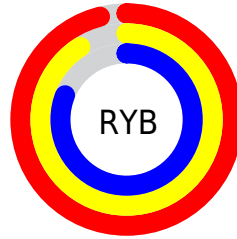
The RGB color **245, 222, 206** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **206, 229, 245**, and the grayscale version is **227, 227, 227**.

A 20% lighter version of the original color is 255, 255, 255, and **188, 167, 152** is the 20% darker color. If you saturate the color by 10%, you get **245, 208, 182**, and if you desaturate by 10%, it is **245, 236, 231**.

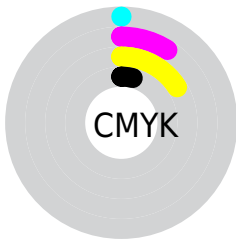
Distribution



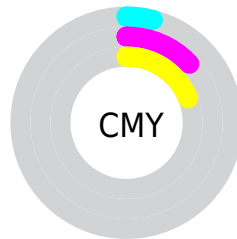
- Red (96%)
- Green (87%)
- Blue (81%)



- Red (96%)
- Yellow (91%)
- Blue (81%)



- Cyan (0%)
- Magenta (9%)
- Yellow (16%)
- Black (4%)



- Cyan (4%)
- Magenta (13%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the RGB color 245, 222, 206 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, 206 by changing the saturation by 10% instead.


 245, 222, 206

255, 255, 255

 245, 222, 206

 216, 194, 178


 188, 167, 152

 161, 141, 126

 135, 115, 101

 109, 91, 77

 85, 67, 54

 61, 45, 33

 39, 24, 10

 13, 0, 0

 245, 222, 206

 245, 222, 206

 245, 208, 182

 245, 236, 231


 245, 193, 157


 245, 251, 255


 245, 179, 132


 245, 255, 255

 245, 164, 108

 245, 150, 84

 245, 135, 59

 245, 121, 34

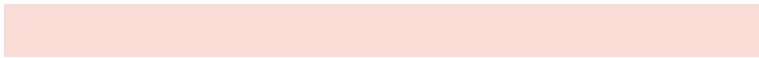
 245, 106, 10

 245, 101, 0

Harmonies

Analogous

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



251, 219, 214



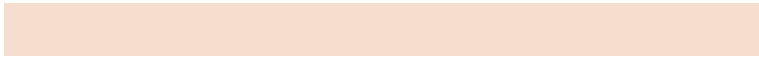
245, 222, 206



234, 226, 203

Triad

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



245, 222, 206



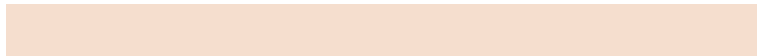
200, 233, 227



230, 223, 245

Complementary

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



245, 222, 206



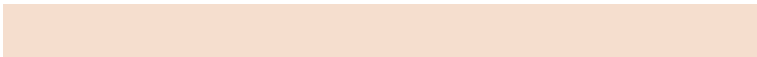
206, 229, 245

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.



216, 227, 249



245, 222, 206



198, 232, 238

Square

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



245, 222, 206



209, 232, 216



204, 230, 246



243, 220, 237

Rectangle

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



245, 222, 206



226, 228, 205



204, 230, 246



225, 224, 247

Sweetspot

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



245, 222, 206



255, 247, 242



245, 206, 229



128, 123, 120



0, 0, 0



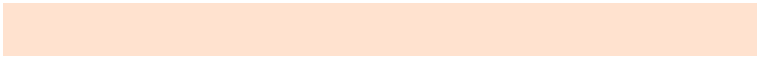
128, 128, 128

Same Dimension

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



245, 222, 206



255, 226, 207



245, 241, 206



122, 115, 110



186, 76, 0



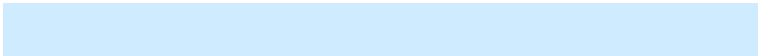
59, 24, 0

Inverse Universe

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



206, 229, 245



207, 235, 255



206, 210, 245



110, 117, 122



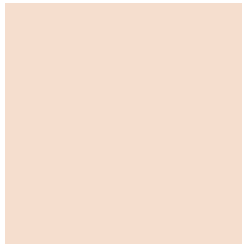
0, 110, 186



0, 35, 59

Previews

White Background



This preview shows how the RGB color 245, 222, 206 looks on a white background.

Color Contrast Check

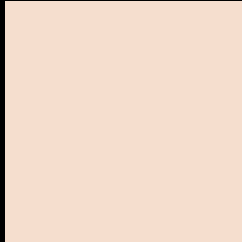
Large Text (above 18pt) WCAG AA × Fail

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, 206 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

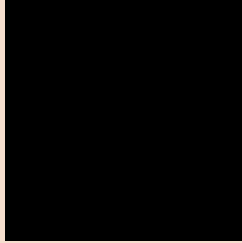
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

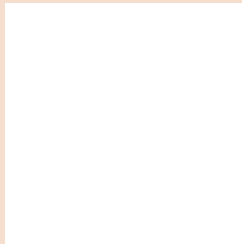
Any Text WCAG AAA ✓ Pass

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

RGB 245, 222, 206 Background



This preview shows how black text looks on a background with the RGB color 245, 222, 206.

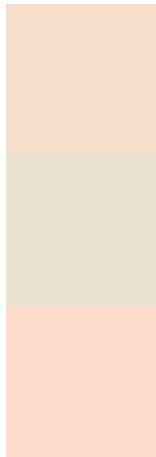


This preview shows how white text looks on a background with the RGB color 245, 222, 206.

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, 206

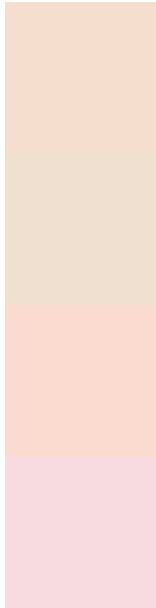
Protanopia
235, 225, 208

Deuteranopia
255, 218, 207



Tritanopia
249, 218, 235

Trichromacy



Original Color

245, 222, 206

Protanomaly

239, 224, 207

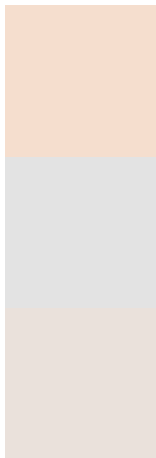
Deuteranomaly

251, 219, 207

Tritanomaly

248, 219, 224

Monochromacy



Original Color

245, 222, 206

Achromatopsia

227, 227, 227

Achromatomaly

234, 225, 219

CSS Examples

Text

The CSS property to change the color of the text to RGB 245, 222, 206 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, 206)` looks like.

```
.text, #text, p{  
    color:rgb(245, 222, 206)  
}
```

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, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 222, 206) }
```

Border

The CSS property to change the border of an element to RGB 245, 222, 206 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, 206) }
```

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

```
.border{ border-color:rgb(245, 222, 206) }
```

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, 206) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 222, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 222, 206);  
box-shadow:4px 4px 4px 4px rgb(245, 222,  
206) }
```

Background

The CSS property to change the background color of an element to RGB 245, 222, 206 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, 206) }
```

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

```
.background{ background-color: rgb(245,  
222, 206) }
```

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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