

Converting Colors

RGB(246, 237, 199)

Have a look what the booklet for
RGB(246, 237, 199) contains.

RGB(246, 237, 199)	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(246, 237, 199)

Conversions

Conversions Part 1

Format	Color
Hex	F6EDC7
RGB	246, 237, 199
RGB Percent	96%, 93%, 78%
CMY	0.0353, 0.0706, 0.2196
CMYK	0.00, 0.04, 0.19, 0.04
HSL	49°, 72%, 87%
HSV	49°, 19%, 96%
XYZ	78.5990, 84.2847, 66.1588
YIQ	235.3590, 17.5620, -9.9100

Conversions

Conversions Part 2

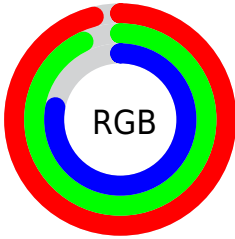
Format	Color
R _Y B	210, 246, 199
Decimal	16182727
CIE Lab	93.57, -2.99, 19.52
CIE LCh	94, 19.751, 98.703
Yxy	84.2847, 0.3432, 0.3680
Android (android.graphics.Color)	4294372807 (0xFFF6EDC7)
YUV	235.3590, -17.9250, 9.3322
Hunter-Lab	91.8067, -7.8415, 21.5385

Details

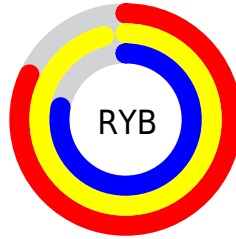
The RGB color **246, 237, 199** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **199, 208, 246**, and the grayscale version is **236, 236, 236**.

A 20% lighter version of the original color is **255, 255, 255**, and **189, 181, 145** is the 20% darker color. If you saturate the color by 10%, you get **246, 232, 174**, and if you desaturate by 10%, it is **246, 242, 224**.

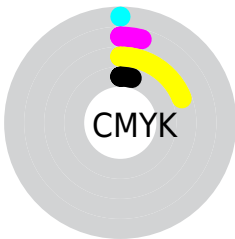
Distribution



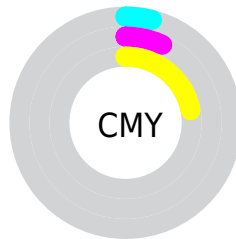
- Red (96%)
- Green (93%)
- Blue (78%)



- Red (82%)
- Yellow (96%)
- Blue (78%)



- Cyan (0%)
- Magenta (4%)
- Yellow (19%)
- Black (4%)



- Cyan (4%)
- Magenta (7%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the RGB color 246, 237, 199 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 246, 237, 199 by changing the saturation by 10% instead.

■ 246, 237, 199

255, 255, 255

■ 246, 237, 199

■ 217, 209, 172

■ 189, 181, 145

■ 162, 154, 119

■ 136, 128, 94

■ 110, 103, 70

■ 85, 79, 48

■ 61, 57, 26

■ 39, 35, 1

■ 12, 14, 0

 246, 237, 199

 246, 237, 199

 246, 232, 174

 246, 242, 224

 246, 228, 150


 246, 246, 248


 246, 223, 125


 246, 251, 255

 246, 218, 101

 246, 255, 255

 246, 213, 76

 246, 209, 51

 246, 204, 27

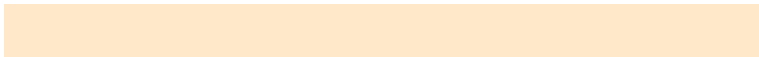
 246, 199, 2

 246, 199, 0

Harmonies

Analogous

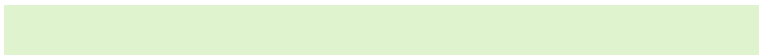
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



255, 231, 202



246, 237, 199



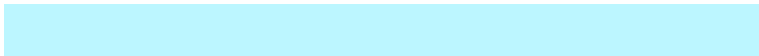
224, 243, 207

Triad

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



246, 237, 199



188, 246, 255



255, 225, 251

Complementary

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



246, 237, 199



199, 208, 246

Split Complementary

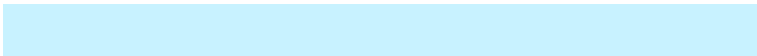
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



247, 230, 255



246, 237, 199



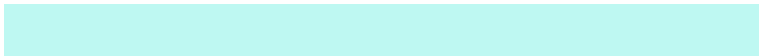
200, 242, 255

Square

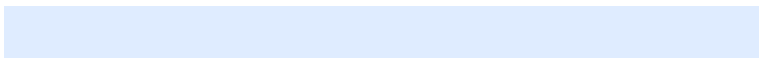
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



246, 237, 199



190, 248, 242



223, 236, 255



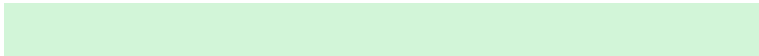
255, 223, 232

Rectangle

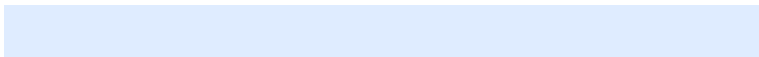
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



246, 237, 199



210, 245, 216



223, 236, 255



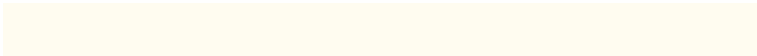
255, 226, 255

Sweetspot

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



246, 237, 199



255, 252, 240



246, 199, 208



128, 126, 119



0, 0, 0



128, 128, 128

Same Dimension

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



246, 237, 199



255, 244, 196



232, 246, 199



122, 120, 110



186, 151, 0



59, 47, 0

Inverse Universe

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



199, 208, 246



196, 208, 255



213, 199, 246



110, 113, 122



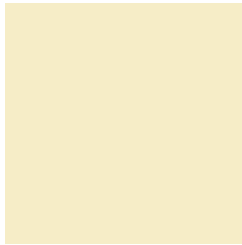
0, 36, 186



0, 11, 59

Previews

White Background



This preview shows how the RGB color 246, 237, 199 looks on a white background.

Color Contrast Check

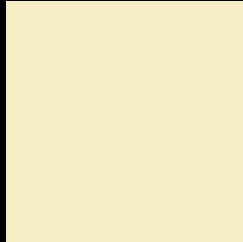
Large Text (above 18pt) WCAG AA × Fail

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 246, 237, 199 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

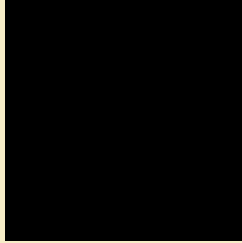
Any Text WCAG AA ✓ Pass

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 246, 237, 199 Background



This preview shows how black text looks on a background with the RGB color 246, 237, 199.

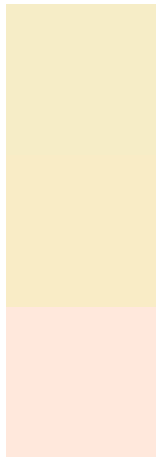


This preview shows how white text looks on a background with the RGB color 246, 237, 199.

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
246, 237, 199

Protanopia
249, 236, 198

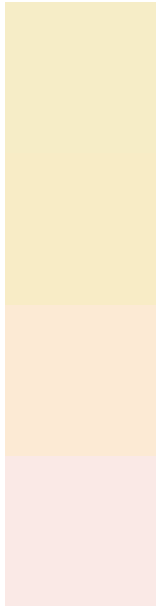
Deuteranopia
255, 232, 220



Tritanopia

252, 230, 248

Trichromacy



Original Color

246, 237, 199

Protanomaly

248, 236, 198

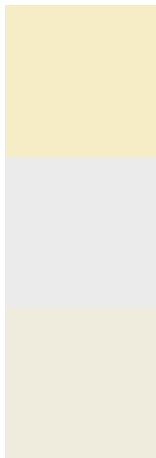
Deuteranomaly

252, 234, 212

Tritanomaly

250, 233, 230

Monochromacy



Original Color

246, 237, 199

Achromatopsia

235, 235, 235

Achromatomaly

239, 236, 222

CSS Examples

Text

The CSS property to change the color of the text to RGB 246, 237, 199 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(246, 237, 199)` looks like.

```
.text, #text, p{  
    color:rgb(246, 237, 199)  
}
```

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(246, 237, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 237, 199) }
```

Border

The CSS property to change the border of an element to RGB 246, 237, 199 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(246, 237, 199) }
```

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

```
.border{ border-color:rgb(246, 237, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 237, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 237, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 237, 199);  
box-shadow:4px 4px 4px 4px rgb(246, 237,  
199) }
```

Background

The CSS property to change the background color of an element to RGB 246, 237, 199 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 237, 199) }
```

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

```
.background{ background-color: rgb(246,  
237, 199) }
```

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