

Converting Colors

RGB(246, 231, 175)

Have a look what the booklet for
RGB(246, 231, 175) contains.

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Color

RGB(246, 231, 175)

Conversions

Conversions Part 1

Format	Color
Hex	F6E7AF
RGB	246, 231, 175
RGB Percent	96%, 91%, 69%
CMY	0.0353, 0.0941, 0.3137
CMYK	0.00, 0.06, 0.29, 0.04
HSL	47°, 80%, 83%
HSV	47°, 29%, 96%
XYZ	74.3198, 79.8398, 52.0510
YIQ	229.1010, 26.9160, -14.2360

Conversions

Conversions Part 2

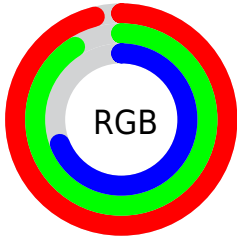
Format	Color
RYB	194, 246, 175
Decimal	16181167
CIELab	91.61, -3.21, 29.16
CIELCh	92, 29.334, 96.286
Yxy	79.8398, 0.3604, 0.3872
Android (android.graphics.Color)	4294371247 (0xFFFF6E7AF)
YUV	229.1010, -26.6718, 14.8204
Hunter-Lab	89.3531, -7.8999, 28.0089

Details

The RGB color **246, 231, 175** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **175, 190, 246**, and the grayscale version is **229, 229, 229**.

A 20% lighter version of the original color is **255, 255, 231**, and **189, 176, 122** is the 20% darker color. If you saturate the color by 10%, you get **246, 226, 150**, and if you desaturate by 10%, it is **246, 236, 200**.

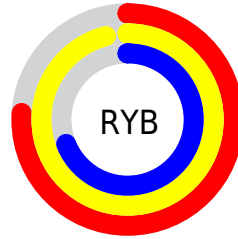
Distribution



Red (96%)

Green (91%)

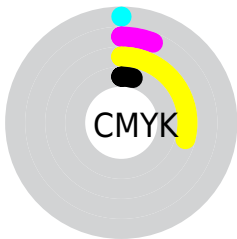
Blue (69%)



Red (76%)

Yellow (96%)

Blue (69%)

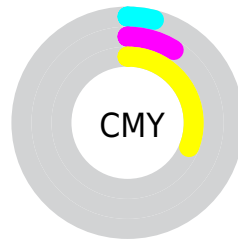


Cyan (0%)

Magenta (6%)

Yellow (29%)

Black (4%)



Cyan (4%)

Magenta (9%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the RGB color 246, 231, 175 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, 231, 175 by changing the saturation by 10% instead.

 246, 231, 175


 246, 231, 175

255, 255, 255

 217, 203, 148


 255, 255, 231

 189, 176, 122

 161, 149, 97


 134, 123, 73

 108, 98, 49

 83, 75, 27

 59, 52, 2

 36, 31, 0

 1, 8, 0

■ 246, 231, 175

■ 246, 231, 175

■ 246, 226, 150

■ 246, 236, 200

■ 246, 221, 126

■ 246, 241, 224

■ 246, 215, 101

■ 246, 247, 249

■ 246, 210, 77

■ 246, 252, 255

■ 246, 205, 52

■ 246, 255, 255

■ 246, 200, 27

■ 246, 195, 3

■ 246, 194, 0

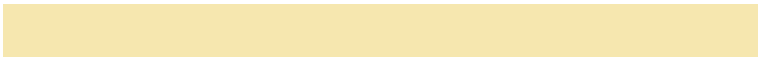
Harmonies

Analogous

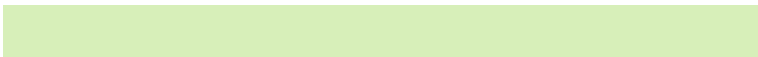
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



255, 222, 180



246, 231, 175



215, 239, 185

Triad

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



246, 231, 175



151, 245, 255



255, 214, 254

Complementary

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



246, 231, 175



175, 190, 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.



243, 222, 255



246, 231, 175



169, 240, 255

Square

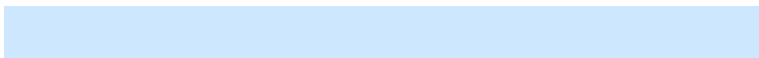
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



246, 231, 175



158, 247, 236



205, 231, 255



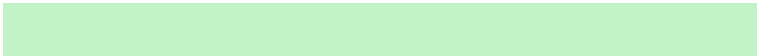
255, 211, 226

Rectangle

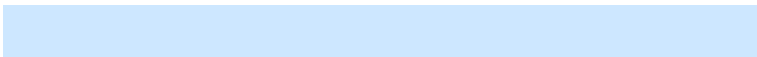
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



246, 231, 175



193, 243, 199



205, 231, 255



255, 216, 255

Sweetspot

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



246, 231, 175



255, 250, 232



246, 175, 190



128, 125, 113



0, 0, 0



128, 128, 128

Same Dimension

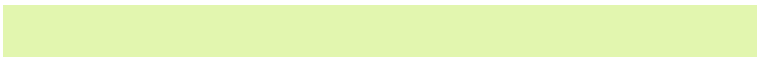
The Same Dimension uses a secret algorithm to generate beautiful new colors.



246, 231, 175



255, 236, 166



226, 246, 175



122, 120, 110



186, 147, 0



59, 46, 0

Inverse Universe

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



175, 190, 246



166, 185, 255



195, 175, 246



110, 113, 122



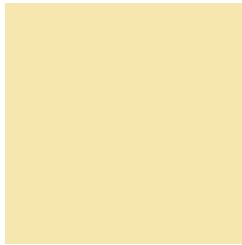
0, 39, 186



0, 12, 59

Previews

White Background



This preview shows how the RGB color 246, 231, 175 looks on a white background.

Color Contrast Check

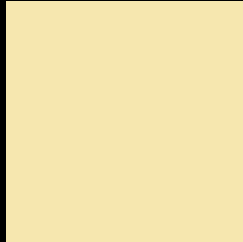
Large Text (above 18pt) WCAG AA × Fail

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, 231, 175 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

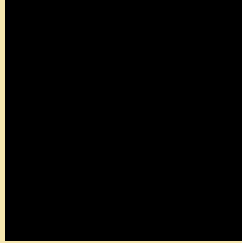
Any Text WCAG AA ✓ Pass

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, 231, 175 Background



This preview shows how black text looks on a background with the RGB color 246, 231, 175.

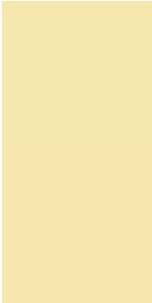
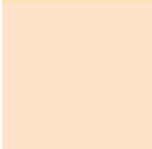
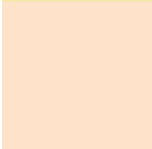


This preview shows how white text looks on a background with the RGB color 246, 231, 175.

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](#).

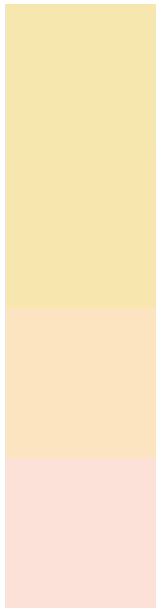
Dichromacy

	Original Color 246, 231, 175
	Protanopia 247, 231, 175
	Deuteranopia 255, 226, 202



Tritanopia
254, 222, 240

Trichromacy



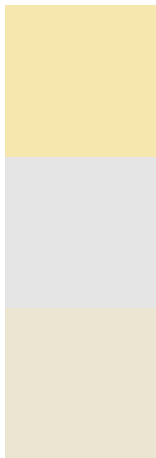
Original Color
246, 231, 175

Protanomaly
247, 231, 175

Deuteranomaly
252, 228, 192

Tritanomaly
251, 225, 216

Monochromacy



Original Color
246, 231, 175

Achromatopsia
229, 229, 229

Achromatomaly
235, 230, 209

CSS Examples

Text

The CSS property to change the color of the text to RGB 246, 231, 175 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, 231, 175)` looks like.

```
.text, #text, p{  
    color:rgb(246, 231, 175)  
}
```

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, 231, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 231, 175) }
```

Border

The CSS property to change the border of an element to RGB 246, 231, 175 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, 231, 175) }
```

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

```
.border{ border-color:rgb(246, 231, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 231, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 231, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 231, 175);  
box-shadow:4px 4px 4px 4px rgb(246, 231,  
175) }
```

Background

The CSS property to change the background color of an element to RGB 246, 231, 175 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 231, 175) }
```

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

```
.background{ background-color: rgb(246,  
231, 175) }
```

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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