

Converting Colors

RGB(246, 205, 138)

Have a look what the booklet for
RGB(246, 205, 138) contains.

RGB(246, 205, 138)	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, 205, 138)

Conversions

Conversions Part 1

Format	Color
Hex	F6CD8A
RGB	246, 205, 138
RGB Percent	96%, 80%, 54%
CMY	0.0353, 0.1961, 0.4588
CMYK	0.00, 0.17, 0.44, 0.04
HSL	37°, 86%, 75%
HSV	37°, 44%, 96%
XYZ	64.4248, 65.0905, 33.2129
YIQ	209.6210, 45.9430, -12.1450

Conversions

Conversions Part 2

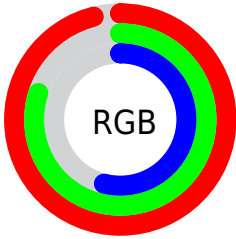
Format	Color
R _Y B	204, 246, 138
Decimal	16174474
CIE Lab	84.53, 5.89, 38.70
CIE LCh	85, 39.143, 81.342
Yxy	65.0905, 0.3959, 0.4000
Android (android.graphics.Color)	4294364554 (0xFFF6CD8A)
YUV	209.6210, -35.3092, 31.9044
Hunter-Lab	80.6787, 1.3510, 32.0672

Details

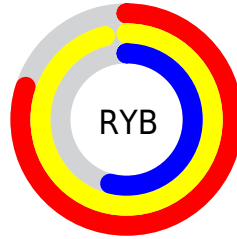
The RGB color **246, 205, 138** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **138, 179, 246**, and the grayscale version is **210, 210, 210**.

A 20% lighter version of the original color is **255, 255, 192**, and **188, 151, 87** is the 20% darker color. If you saturate the color by 10%, you get **246, 196, 113**, and if you desaturate by 10%, it is **246, 214, 163**.

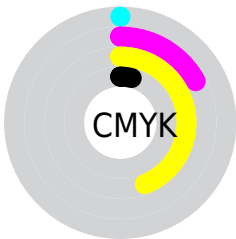
Distribution



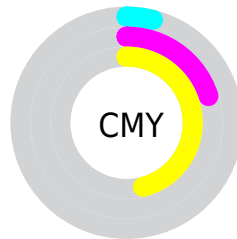
- Red (96%)
- Green (80%)
- Blue (54%)



- Red (80%)
- Yellow (96%)
- Blue (54%)



- Cyan (0%)
- Magenta (17%)
- Yellow (44%)
- Black (4%)



- Cyan (4%)
- Magenta (20%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the RGB color 246, 205, 138 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, 205, 138 by changing the saturation by 10% instead.

 246, 205, 138

 246, 205, 138

255, 255, 255

 217, 178, 112

 255, 255, 192

 188, 151, 87

 255, 255, 220

 160, 125, 62

 255, 255, 249

 132, 100, 38

 105, 76, 14

 79, 54, 0


 53, 33, 0

 29, 11, 0


 0, 0, 0

 246, 205, 138


 246, 205, 138

 246, 196, 113


 246, 214, 163

 246, 186, 89


 246, 224, 187

 246, 177, 64

 246, 233, 212

 246, 168, 40

 246, 242, 236

 246, 158, 15

 246, 252, 255

 246, 153, 0

 246, 255, 255

Harmonies

Analogous

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



255, 193, 155



246, 205, 138



209, 217, 141

Triad

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



246, 205, 138



85, 231, 237



247, 192, 255

Complementary

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



246, 205, 138



138, 179, 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.



201, 205, 255



246, 205, 138



93, 227, 255

Square

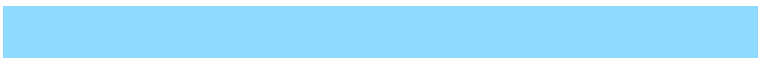
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



246, 205, 138



122, 230, 199



143, 218, 255



255, 184, 223

Rectangle

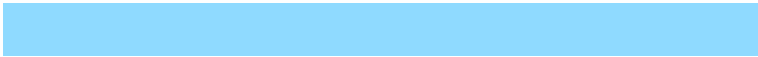
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



246, 205, 138



181, 223, 154



143, 218, 255



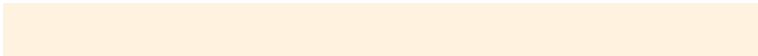
234, 196, 255

Sweetspot

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



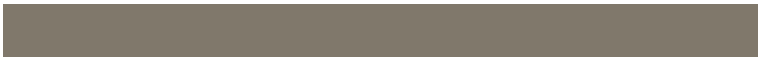
246, 205, 138



255, 242, 222



246, 138, 179



128, 120, 107



0, 0, 0



128, 128, 128

Same Dimension

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



246, 205, 138



255, 204, 120



233, 246, 138



122, 118, 110



186, 115, 0



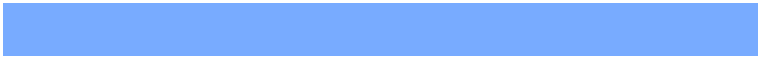
59, 36, 0

Inverse Universe

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



138, 179, 246



120, 171, 255



151, 138, 246



110, 115, 122



0, 71, 186



0, 22, 59

Previews

White Background



This preview shows how the RGB color 246, 205, 138 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, 205, 138 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, 205, 138 Background



This preview shows how black text looks on a background with the RGB color 246, 205, 138.

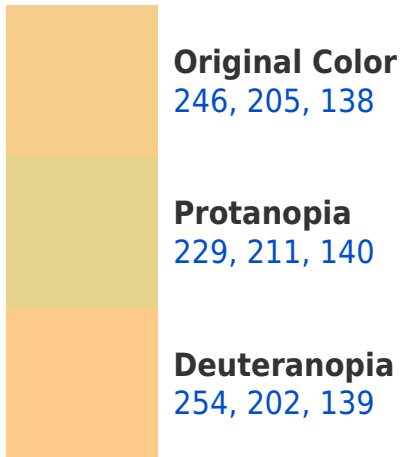



This preview shows how white text looks on a background with the RGB color 246, 205, 138.

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





Tritanopia
253, 196, 211

Trichromacy



Original Color

246, 205, 138

Protanomaly

235, 209, 139

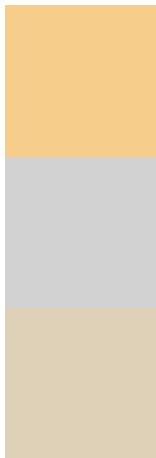
Deuteranomaly

251, 203, 139

Tritanomaly

250, 199, 184

Monochromacy



Original Color

246, 205, 138

Achromatopsia

210, 210, 210

Achromatomaly

223, 208, 184

CSS Examples

Text

The CSS property to change the color of the text to RGB 246, 205, 138 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, 205, 138)` looks like.

```
.text, #text, p{  
    color:rgb(246, 205, 138)  
}
```

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, 205, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 205, 138) }
```

Border

The CSS property to change the border of an element to RGB 246, 205, 138 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, 205, 138) }
```

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

```
.border{ border-color:rgb(246, 205, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 205, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 205, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 205, 138);  
box-shadow:4px 4px 4px 4px rgb(246, 205,  
138) }
```

Background

The CSS property to change the background color of an element to RGB 246, 205, 138 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 205, 138) }
```

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

```
.background{ background-color: rgb(246,  
205, 138) }
```

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