

Converting Colors

RGB(246, 205, 142)

Have a look what the booklet for
RGB(246, 205, 142) contains.

RGB(246, 205, 142)	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, 142)

Conversions

Conversions Part 1

Format	Color
Hex	F6CD8E
RGB	246, 205, 142
RGB Percent	96%, 80%, 56%
CMY	0.0353, 0.1961, 0.4431
CMYK	0.00, 0.17, 0.42, 0.04
HSL	36°, 85%, 76%
HSV	36°, 42%, 96%
XYZ	64.7198, 65.2085, 34.7666
YIQ	210.0770, 44.6590, -10.9010

Conversions

Conversions Part 2

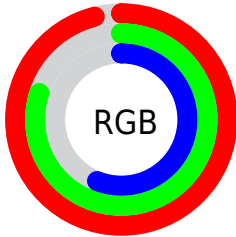
Format	Color
R _Y B	210, 246, 142
Decimal	16174478
CIE Lab	84.59, 6.30, 36.73
CIE LCh	85, 37.271, 80.268
Yxy	65.2085, 0.3930, 0.3959
Android (android.graphics.Color)	4294364558 (0xFFF6CD8E)
YUV	210.0770, -33.5620, 31.5045
Hunter-Lab	80.7518, 1.7462, 30.9997

Details

The RGB color **246, 205, 142** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **142, 183, 246**, and the grayscale version is **210, 210, 210**.

A 20% lighter version of the original color is **255, 255, 196**, and **188, 151, 91** is the 20% darker color. If you saturate the color by 10%, you get **246, 195, 117**, and if you desaturate by 10%, it is **246, 215, 167**.

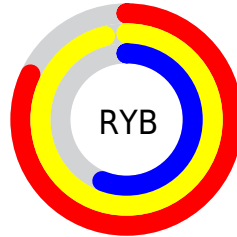
Distribution



Red (96%)

Green (80%)

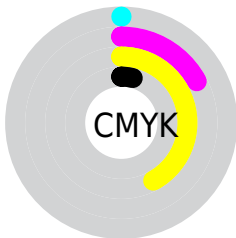
Blue (56%)



Red (82%)

Yellow (96%)

Blue (56%)

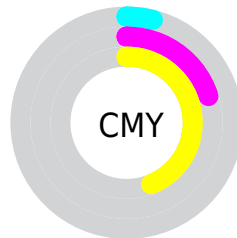


Cyan (0%)

Magenta (17%)

Yellow (42%)

Black (4%)



Cyan (4%)

Magenta (20%)

Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the RGB color 246, 205, 142 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, 142 by changing the saturation by 10% instead.

 246, 205, 142

 246, 205, 142

255, 255, 255

 217, 178, 116

 255, 255, 196

 188, 151, 91

 255, 255, 225

 160, 125, 66

255, 255, 253

 132, 100, 43

 105, 76, 19

 79, 54, 0

 54, 33, 0

 30, 11, 0

 0, 0, 0

■ 246, 205, 142

■ 246, 205, 142

■ 246, 195, 117

■ 246, 215, 167

■ 246, 186, 93

■ 246, 224, 191

■ 246, 176, 68

■ 246, 234, 216

■ 246, 166, 44

■ 246, 244, 240

■ 246, 157, 19

■ 246, 253, 255

■ 246, 149, 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, 158



246, 205, 142



211, 216, 144

Triad

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



246, 205, 142



97, 230, 234



245, 194, 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, 142



142, 183, 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.



200, 206, 255



246, 205, 142



102, 226, 255

Square

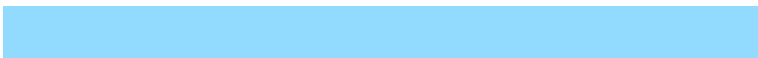
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



246, 205, 142



129, 230, 198



147, 218, 255



255, 186, 224

Rectangle

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



246, 205, 142



185, 223, 156



147, 218, 255



231, 198, 255

Sweetspot

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



246, 205, 142



255, 242, 222



246, 142, 184



128, 119, 107



0, 0, 0



128, 128, 128

Same Dimension

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



246, 205, 142



255, 204, 125



236, 246, 142



122, 118, 110



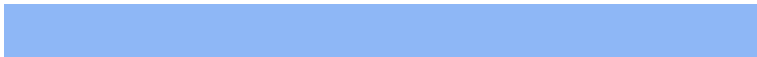
186, 113, 0



59, 36, 0

Inverse Universe

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



142, 183, 246



125, 176, 255



152, 142, 246



110, 115, 122



0, 73, 186



0, 23, 59

Previews

White Background



This preview shows how the RGB color 246, 205, 142 looks on a white background.

Color Contrast Check

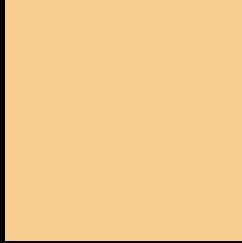
Large Text (above 18pt) WCAG AA × Fail

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, 142 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

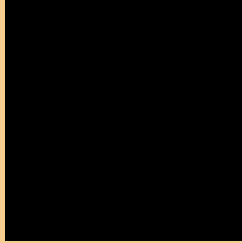
Any Text WCAG AA ✓ Pass

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, 142 Background



This preview shows how black text looks on a background with the RGB color 246, 205, 142.



This preview shows how white text looks on a background with the RGB color 246, 205, 142.

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, 205, 142

Protanopia
229, 211, 145

Deuteranopia
253, 202, 143



Tritanopia
253, 196, 211

Trichromacy



Original Color

246, 205, 142

Protanomaly

235, 209, 144

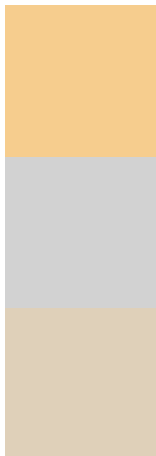
Deuteranomaly

250, 203, 143

Tritanomaly

250, 199, 186

Monochromacy



Original Color

246, 205, 142

Achromatopsia

210, 210, 210

Achromatomaly

223, 208, 185

CSS Examples

Text

The CSS property to change the color of the text to RGB 246, 205, 142 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, 142)` looks like.

```
.text, #text, p{  
    color:rgb(246, 205, 142)  
}
```

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, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 205, 142) }
```

Border

The CSS property to change the border of an element to RGB 246, 205, 142 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, 142) }
```

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

```
.border{ border-color:rgb(246, 205, 142) }
```

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, 142) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 205, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 205, 142);  
box-shadow:4px 4px 4px 4px rgb(246, 205,  
142) }
```

Background

The CSS property to change the background color of an element to RGB 246, 205, 142 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, 142) }
```

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

```
.background{ background-color: rgb(246,  
205, 142) }
```

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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