

Converting Colors

RGB(245, 191, 108)

Have a look what the booklet for
RGB(245, 191, 108) contains.

RGB(245, 191, 108)	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(245, 191, 108)

Conversions

Conversions Part 1

Format	Color
Hex	F5BF6C
RGB	245, 191, 108
RGB Percent	96%, 75%, 42%
CMY	0.0392, 0.2510, 0.5765
CMYK	0.00, 0.22, 0.56, 0.04
HSL	36°, 87%, 69%
HSV	36°, 56%, 96%
XYZ	58.9938, 57.7568, 22.2262
YIQ	197.6840, 58.8270, -14.3650

Conversions

Conversions Part 2

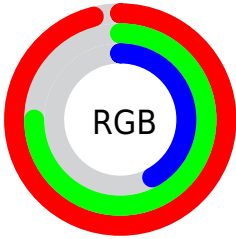
Format	Color
RYB	197, 245, 108
Decimal	16105324
CIELab	80.60, 10.11, 48.80
CIElCh	81, 49.834, 78.292
Yxy	57.7568, 0.4245, 0.4156
Android (android.graphics.Color)	4294295404 (0xFFFF5BF6C)
YUV	197.6840, -44.2142, 41.4961
Hunter-Lab	75.9979, 5.5653, 35.8587

Details

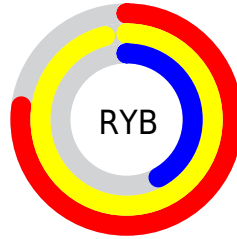
The RGB color **245, 191, 108** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **108, 162, 245**, and the grayscale version is **198, 198, 198**.

A 20% lighter version of the original color is **255, 247, 161**, and **186, 138, 57** is the 20% darker color. If you saturate the color by 10%, you get **245, 181, 84**, and if you desaturate by 10%, it is **245, 201, 132**.

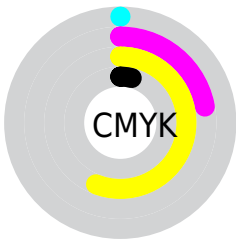
Distribution



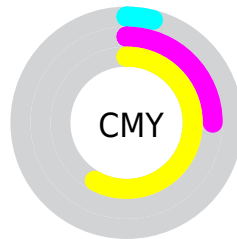
- Red (96%)
- Green (75%)
- Blue (42%)



- Red (77%)
- Yellow (96%)
- Blue (42%)



- Cyan (0%)
- Magenta (22%)
- Yellow (56%)
- Black (4%)



- Cyan (4%)
- Magenta (25%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the RGB color 245, 191, 108 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, 191, 108 by changing the saturation by 10% instead.

 245, 191, 108

 245, 191, 108

255, 255, 255

 215, 164, 82

 255, 247, 161

 186, 138, 57

 255, 255, 189

 157, 112, 31

 255, 255, 217

 129, 88, 0

 255, 255, 246

 101, 65, 0

 74, 43, 0


 48, 23, 0

 24, 0, 0


 0, 0, 0

 245, 191, 108


 245, 191, 108

 245, 181, 84


 245, 201, 132

 245, 172, 59

 245, 210, 157

 245, 162, 34

 245, 220, 182

 245, 152, 10

 245, 230, 206

 245, 148, 0

 245, 239, 231

 245, 249, 255

 245, 255, 255

Harmonies

Analogous

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



255, 175, 132



245, 191, 108



201, 206, 109

Triad

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



245, 191, 108



0, 224, 228



240, 177, 255

Complementary

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



245, 191, 108



108, 162, 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.



176, 195, 255



245, 191, 108



0, 220, 255

Square

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



245, 191, 108



78, 223, 180



83, 210, 255



255, 164, 220

Rectangle

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



245, 191, 108



166, 214, 125



83, 210, 255



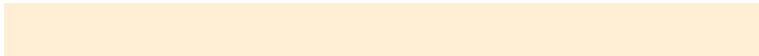
221, 183, 255

Sweetspot

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



245, 191, 108



255, 238, 212



245, 108, 163



128, 117, 102



0, 0, 0



128, 128, 128

Same Dimension

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



245, 191, 108



255, 188, 84



231, 245, 108



122, 118, 110



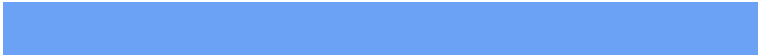
186, 113, 0



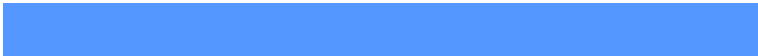
59, 36, 0

Inverse Universe

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



108, 162, 245



84, 151, 255



122, 108, 245



110, 115, 122



0, 73, 186



0, 23, 59

Previews

White Background



This preview shows how the RGB color 245, 191, 108 looks on a white background.

Color Contrast Check

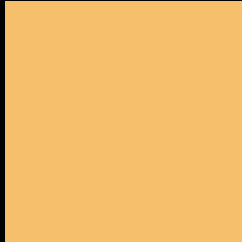
Large Text (above 18pt) WCAG AA × Fail

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, 191, 108 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, 191, 108 Background



This preview shows how black text looks on a background with the RGB color 245, 191, 108.



This preview shows how white text looks on a background with the RGB color 245, 191, 108.

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, 191, 108

Protanopia
220, 200, 111

Deuteranopia
245, 191, 108



Tritanopia
252, 181, 195

Trichromacy



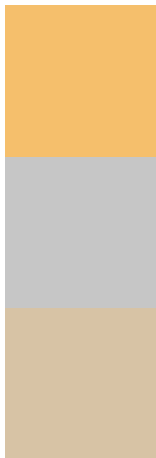
Original Color
245, 191, 108

Protanomaly
229, 197, 110

Deuteranomaly
245, 191, 108

Tritanomaly
249, 185, 163

Monochromacy



Original Color
245, 191, 108

Achromatopsia
198, 198, 198

Achromatomaly
215, 195, 165

CSS Examples

Text

The CSS property to change the color of the text to RGB 245, 191, 108 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, 191, 108)` looks like.

```
.text, #text, p{  
    color:rgb(245, 191, 108)  
}
```

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, 191, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 191, 108) }
```

Border

The CSS property to change the border of an element to RGB 245, 191, 108 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, 191, 108) }
```

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

```
.border{ border-color:rgb(245, 191, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 191, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 191, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 191, 108);  
box-shadow:4px 4px 4px 4px rgb(245, 191,  
108) }
```

Background

The CSS property to change the background color of an element to RGB 245, 191, 108 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 191, 108) }
```

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

```
.background{ background-color: rgb(245,  
191, 108) }
```

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