

Converting Colors

RGB(245, 214, 134)

Have a look what the booklet for
RGB(245, 214, 134) contains.

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Color

RGB(245, 214, 134)

Conversions

Conversions Part 1

Format	Color
Hex	F5D686
RGB	245, 214, 134
RGB Percent	96%, 84%, 53%
CMY	0.0392, 0.1608, 0.4745
CMYK	0.00, 0.13, 0.45, 0.04
HSL	43°, 85%, 74%
HSV	43°, 45%, 96%
XYZ	66.0058, 69.2268, 32.4375
YIQ	214.1490, 44.1560, -18.3080

Conversions

Conversions Part 2

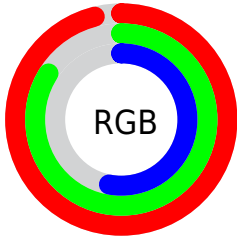
Format	Color
RYB	177, 245, 134
Decimal	16111238
CIELab	86.62, 0.47, 43.35
CIElCh	87, 43.352, 89.385
Yxy	69.2268, 0.3937, 0.4129
Android (android.graphics.Color)	4294301318 (0xFFFF5D686)
YUV	214.1490, -39.5135, 27.0563
Hunter-Lab	83.2027, -3.9981, 35.1270

Details

The RGB color **245, 214, 134** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **134, 165, 245**, and the grayscale version is **215, 215, 215**.

A 20% lighter version of the original color is **255, 255, 188**, and **187, 160, 83** is the 20% darker color. If you saturate the color by 10%, you get **245, 207, 110**, and if you desaturate by 10%, it is **245, 221, 159**.

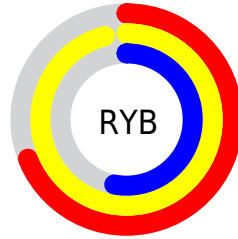
Distribution



Red (96%)

Green (84%)

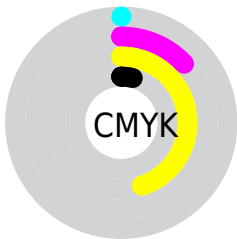
Blue (53%)



Red (69%)

Yellow (96%)

Blue (53%)

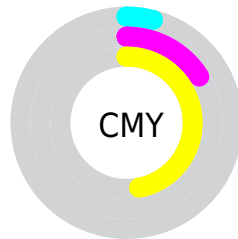


Cyan (0%)

Magenta (13%)

Yellow (45%)

Black (4%)



Cyan (4%)

Magenta (16%)

Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the RGB color 245, 214, 134 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, 214, 134 by changing the saturation by 10% instead.

 245, 214, 134

 245, 214, 134

255, 255, 255

 216, 186, 108


 255, 255, 188

 187, 160, 83

 255, 255, 216

 159, 133, 58

 255, 255, 245

 131, 108, 33

 104, 84, 4

 78, 61, 0

 53, 40, 0

 28, 20, 0

 0, 0, 0

■ 245, 214, 134

■ 245, 214, 134

■ 245, 207, 110

■ 245, 221, 159

■ 245, 200, 85

■ 245, 228, 183

■ 245, 193, 60

■ 245, 235, 208

■ 245, 187, 36

■ 245, 241, 232

■ 245, 180, 12

■ 245, 248, 255

■ 245, 177, 0

■ 245, 255, 255

Harmonies

Analogous

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



255, 200, 147



245, 214, 134



202, 226, 144

Triad

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



245, 214, 134



55, 238, 255



255, 193, 255

Complementary

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



245, 214, 134



134, 165, 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.



220, 206, 255



245, 214, 134



88, 232, 255

Square

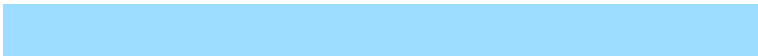
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



245, 214, 134



100, 239, 215



157, 221, 255



255, 185, 219

Rectangle

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



245, 214, 134



170, 233, 162



157, 221, 255



254, 197, 255

Sweetspot

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



245, 214, 134



255, 245, 219



245, 134, 165



128, 121, 106



0, 0, 0



128, 128, 128

Same Dimension

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



245, 214, 134



255, 217, 117



221, 245, 134



122, 119, 110



186, 134, 0



59, 42, 0

Inverse Universe

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



134, 165, 245



117, 156, 255



158, 134, 245



110, 114, 122



0, 52, 186



0, 16, 59

Previews

White Background



This preview shows how the RGB color 245, 214, 134 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, 214, 134 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, 214, 134 Background



This preview shows how black text looks on a background with the RGB color 245, 214, 134.



This preview shows how white text looks on a background with the RGB color 245, 214, 134.

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, 214, 134

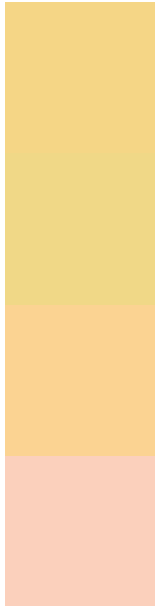
Protanopia
237, 217, 135

Deuteranopia
255, 209, 153



Tritanopia
254, 204, 219

Trichromacy



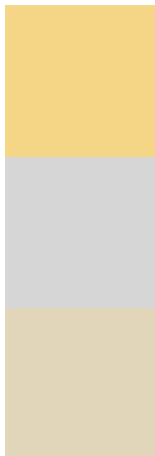
Original Color
245, 214, 134

Protanomaly
240, 216, 135

Deuteranomaly
251, 211, 146

Tritanomaly
251, 208, 188

Monochromacy



Original Color
245, 214, 134

Achromatopsia
214, 214, 214

Achromatomaly
225, 214, 185

CSS Examples

Text

The CSS property to change the color of the text to RGB 245, 214, 134 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, 214, 134)` looks like.

```
.text, #text, p{  
    color:rgb(245, 214, 134)  
}
```

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, 214, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 214, 134) }
```

Border

The CSS property to change the border of an element to RGB 245, 214, 134 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, 214, 134) }
```

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

```
.border{ border-color:rgb(245, 214, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 214, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 214, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 214, 134);  
box-shadow:4px 4px 4px 4px rgb(245, 214,  
134) }
```

Background

The CSS property to change the background color of an element to RGB 245, 214, 134 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 214, 134) }
```

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

```
.background{ background-color: rgb(245,  
214, 134) }
```

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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