

Converting Colors

RGB(245, 221, 102)

Have a look what the booklet for
RGB(245, 221, 102) contains.

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Color

RGB(245, 221, 102)

Conversions

Conversions Part 1

Format	Color
Hex	F5DD66
RGB	245, 221, 102
RGB Percent	96%, 87%, 40%
CMY	0.0392, 0.1333, 0.6000
CMYK	0.00, 0.10, 0.58, 0.04
HSL	50°, 88%, 68%
HSV	50°, 58%, 96%
XYZ	65.9109, 72.0847, 23.0102
YIQ	214.6100, 52.5030, -31.9210

Conversions

Conversions Part 2

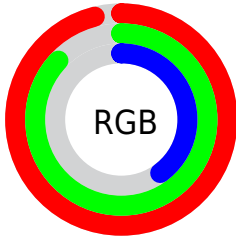
Format	Color
RYB	131, 245, 102
Decimal	16112998
CIELab	88.01, -5.75, 60.20
CIELCh	88, 60.472, 95.458
Yxy	72.0847, 0.4094, 0.4477
Android (android.graphics.Color)	4294303078 (0xFFF5DD66)
YUV	214.6100, -55.5167, 26.6520
Hunter-Lab	84.9027, -10.0082, 43.3632

Details

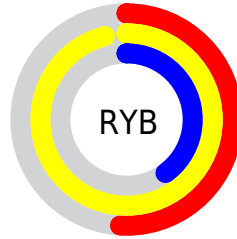
The RGB color **245, 221, 102** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **102, 126, 245**, and the grayscale version is **215, 215, 215**.

A 20% lighter version of the original color is **255, 255, 157**, and **186, 166, 47** is the 20% darker color. If you saturate the color by 10%, you get **245, 217, 78**, and if you desaturate by 10%, it is **245, 225, 127**.

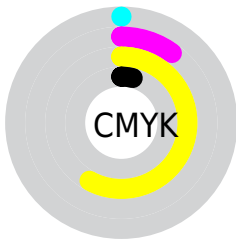
Distribution



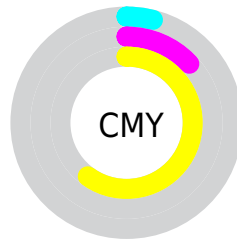
- Red (96%)
- Green (87%)
- Blue (40%)



- Red (51%)
- Yellow (96%)
- Blue (40%)



- Cyan (0%)
- Magenta (10%)
- Yellow (58%)
- Black (4%)


















- Cyan (4%)
- Magenta (13%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the RGB color 245, 221, 102 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, 221, 102 by changing the saturation by 10% instead.

 245, 221, 102	 245, 221, 102
255, 255, 255	 215, 193, 75
 255, 255, 157	 186, 166, 47
 255, 255, 184	 157, 140, 13
 255, 255, 213	 129, 115, 0
 255, 255, 242	 101, 90, 0
	 74, 67, 0
	 48, 45, 0
	 24, 25, 0
	 0, 0, 0

■ 245, 221, 102

■ 245, 221, 102

■ 245, 217, 78

■ 245, 225, 127

■ 245, 213, 53

■ 245, 229, 151

■ 245, 209, 28

■ 245, 233, 176

■ 245, 205, 4

■ 245, 237, 200

■ 245, 204, 0

■ 245, 242, 225

■ 245, 246, 249

■ 245, 250, 255

■ 245, 254, 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, 201, 116



245, 221, 102



184, 237, 123

Triad

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



245, 221, 102



0, 248, 255



255, 181, 255

Complementary

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



245, 221, 102



102, 126, 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.



239, 202, 255



245, 221, 102



0, 239, 255

Square

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



245, 221, 102



0, 250, 230



141, 223, 255



255, 172, 212

Rectangle

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



245, 221, 102



136, 244, 153



141, 223, 255



255, 187, 255

Sweetspot

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



245, 221, 102



255, 247, 209



245, 102, 128



128, 123, 99



0, 0, 0



128, 128, 128

Same Dimension

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



245, 221, 102



255, 225, 77



200, 245, 102



122, 120, 110



186, 155, 0



59, 49, 0

Inverse Universe

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



102, 126, 245



77, 106, 255



147, 102, 245



110, 112, 122



0, 31, 186



0, 10, 59

Previews

White Background



This preview shows how the RGB color 245, 221, 102 looks on a white background.

Color Contrast Check

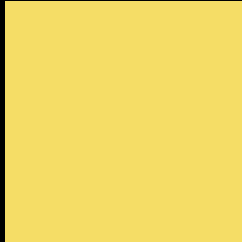
Large Text (above 18pt) WCAG AA × Fail

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, 221, 102 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, 221, 102 Background



This preview shows how black text looks on a background with the RGB color 245, 221, 102.



This preview shows how white text looks on a background with the RGB color 245, 221, 102.

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, 221, 102

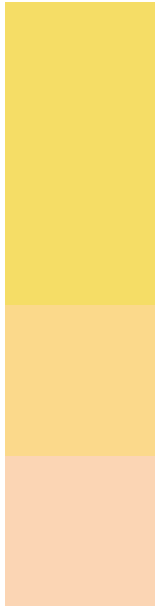
Protanopia
245, 221, 102

Deuteranopia
255, 214, 160



Tritanopia
255, 208, 224

Trichromacy



Original Color
245, 221, 102

Protanomaly
245, 221, 102

Deuteranomaly
251, 217, 139

Tritanomaly
251, 213, 180

Monochromacy



Original Color
245, 221, 102

Achromatopsia
215, 215, 215

Achromatomaly
226, 217, 174

CSS Examples

Text

The CSS property to change the color of the text to RGB 245, 221, 102 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, 221, 102)` looks like.

```
.text, #text, p{  
    color:rgb(245, 221, 102)  
}
```

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, 221, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 221, 102) }
```

Border

The CSS property to change the border of an element to RGB 245, 221, 102 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, 221, 102) }
```

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

```
.border{ border-color:rgb(245, 221, 102) }
```

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

Here you see how a box with a 4 pixel rgb(245, 221, 102) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 221, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 221, 102);  
box-shadow:4px 4px 4px 4px rgb(245, 221,  
102) }
```

Background

The CSS property to change the background color of an element to RGB 245, 221, 102 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 221, 102) }
```

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

```
.background{ background-color: rgb(245,  
221, 102) }
```

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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