

Converting Colors

RGB(235, 203, 102)

Have a look what the booklet for
RGB(235, 203, 102) contains.

RGB(235, 203, 102)	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(235, 203, 102)

Conversions

Conversions Part 1

Format	Color
Hex	EBCB66
RGB	235, 203, 102
RGB Percent	92%, 80%, 40%
CMY	0.0784, 0.2039, 0.6000
CMYK	0.00, 0.14, 0.57, 0.08
HSL	46°, 77%, 66%
HSV	46°, 57%, 92%
XYZ	58.0152, 61.3333, 21.3512
YIQ	201.0540, 51.4930, -24.6270

Conversions

Conversions Part 2

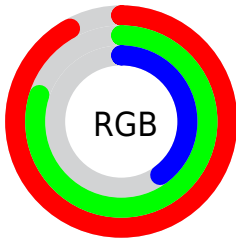
Format	Color
RYB	144, 235, 102
Decimal	15453030
CIELab	82.56, -0.68, 53.73
CIElCh	83, 53.737, 90.727
Yxy	61.3333, 0.4123, 0.4359
Android (android.graphics.Color)	4293643110 (0xFFEBCB66)
YUV	201.0540, -48.8336, 29.7706
Hunter-Lab	78.3156, -4.8219, 38.6567

Details

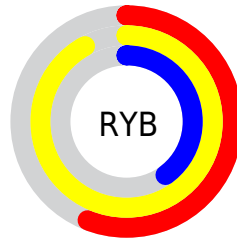
The RGB color **235, 203, 102** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **102, 134, 235**, and the grayscale version is **201, 201, 201**.

A 20% lighter version of the original color is **255, 255, 156**, and **176, 149, 50** is the 20% darker color. If you saturate the color by 10%, you get **235, 197, 79**, and if you desaturate by 10%, it is **235, 209, 126**.

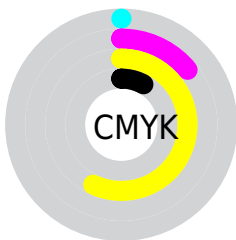
Distribution



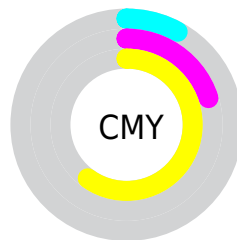
- Red (92%)
- Green (80%)
- Blue (40%)



- Red (56%)
- Yellow (92%)
- Blue (40%)



- Cyan (0%)
- Magenta (14%)
- Yellow (57%)
- Black (8%)



- Cyan (8%)
- Magenta (20%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the RGB color 235, 203, 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 235, 203, 102 by changing the saturation by 10% instead.

 235, 203, 102

 235, 203, 102

255, 255, 255

 205, 176, 76

 255, 255, 156

 176, 149, 50

 255, 255, 183

 148, 124, 21

 255, 255, 212

 120, 99, 0

 255, 255, 240

 93, 75, 0

 66, 53, 0

 41, 32, 0

 12, 9, 0

 0, 0, 0

■ 235, 203, 102

■ 235, 203, 102

■ 235, 197, 79

■ 235, 209, 126

■ 235, 192, 55

■ 235, 214, 149

■ 235, 186, 32

■ 235, 220, 172

■ 235, 180, 8

■ 235, 226, 196

■ 235, 178, 0

■ 235, 231, 220

■ 235, 237, 243

■ 235, 243, 255

■ 235, 248, 255

■ 235, 254, 255

Harmonies

Analogous

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



255, 185, 118



235, 203, 102



183, 218, 116

Triad

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



235, 203, 102



0, 230, 255



255, 173, 255

Complementary

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



235, 203, 102



102, 134, 235

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.



211, 192, 255



235, 203, 102



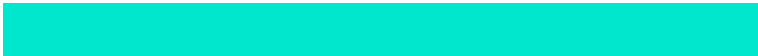
0, 224, 255

Square

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



235, 203, 102



0, 231, 205



122, 210, 255



255, 164, 206

Rectangle

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



235, 203, 102



143, 225, 139



122, 210, 255



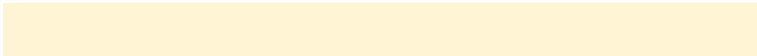
253, 179, 255

Sweetspot

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



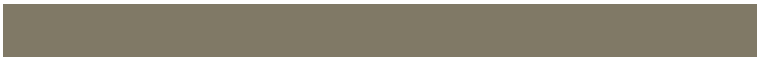
235, 203, 102



255, 245, 212



235, 102, 135



128, 121, 102



0, 0, 0



128, 128, 128

Same Dimension

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



235, 203, 102



255, 213, 82



202, 235, 102



117, 114, 106



181, 137, 0



54, 41, 0

Inverse Universe

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



102, 134, 235



82, 123, 255



135, 102, 235



106, 108, 117



0, 44, 181



0, 13, 54

Previews

White Background



This preview shows how the RGB color 235, 203, 102 looks on a white background.

Color Contrast Check

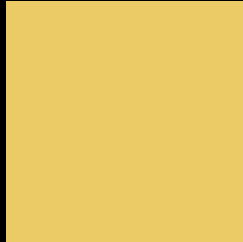
Large Text (above 18pt) WCAG AA × Fail

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 235, 203, 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 235, 203, 102 Background



This preview shows how black text looks on a background with the RGB color 235, 203, 102.



This preview shows how white text looks on a background with the RGB color 235, 203, 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
235, 203, 102

Protanopia
227, 206, 103

Deuteranopia
253, 196, 104



Tritanopia
244, 191, 206

Trichromacy



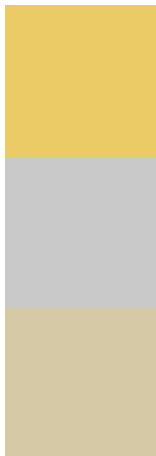
Original Color
235, 203, 102

Protanomaly
230, 205, 103

Deuteranomaly
246, 199, 103

Tritanomaly
241, 195, 168

Monochromacy



Original Color
235, 203, 102

Achromatopsia
201, 201, 201

Achromatomaly
213, 202, 165

CSS Examples

Text

The CSS property to change the color of the text to RGB 235, 203, 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(235, 203, 102)` looks like.

```
.text, #text, p{  
    color:rgb(235, 203, 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(235, 203, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 203, 102) }
```

Border

The CSS property to change the border of an element to RGB 235, 203, 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(235, 203, 102) }
```

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

```
.border{ border-color:rgb(235, 203, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 203, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 203, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 203, 102);  
box-shadow:4px 4px 4px 4px rgb(235, 203,  
102) }
```

Background

The CSS property to change the background color of an element to RGB 235, 203, 102 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 203, 102) }
```

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

```
.background{ background-color: rgb(235,  
203, 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](#).

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