Converting Colors

RGB(235, 187, 115)

Have a look what the booklet for RGB(235, 187, 115) contains.

Color

RGB(235, 187, 115)

Conversions

Conversions Part 1

Format	Color
Hex	EBBB73
RGB	235, 187, 115
RGB Percent	92%, 73%, 45%
CMY	0.0784, 0.2667, 0.5490
CMYK	0.00, 0.20, 0.51, 0.08
HSL	36°, 75%, 69%
HSV	36°, 51%, 92%
XYZ	55.1258, 54.4406, 23.8223
YIQ	193.1440, 51.7200, -12.2160

Conversions

Conversions Part 2

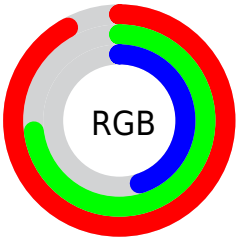
Format	Color
RYB	195, 235, 115
Decimal	15448947
CIELab	78.72, 8.71, 42.79
CIELCh	79, 43.669, 78.499
Yxy	54.4406, 0.4133, 0.4081
Android (android.graphics.Color)	4293639027 (0xFFEBBB73)
YUV	193.1440, -38.5250, 36.7077
Hunter-Lab	73.7839, 4.2400, 32.5060

Details

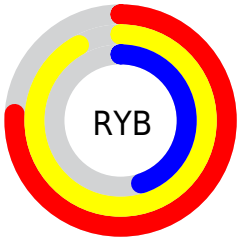
The RGB color 235, 187, 115 is a light color, and the websafe version is hex FFCC99. A complement of this color would be 115, 163, 235, and the grayscale version is 193, 193, 193.

A 20% lighter version of the original color is 255, 243, 168, and 177, 134, 65 is the 20% darker color. If you saturate the color by 10%, you get 235, 178, 92, and if you desaturate by 10%, it is 235, 196, 139.

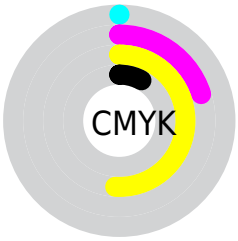
Distribution



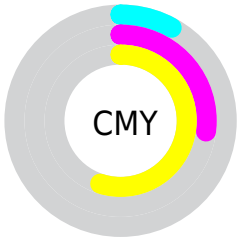
- Red (92%)
- Green (73%)
- Blue (45%)



- Red (76%)
- Yellow (92%)
- Blue (45%)



- Cyan (0%)
- Magenta (20%)
- Yellow (51%)
- Black (8%)



- Cyan (8%)
- Magenta (27%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the RGB color 235, 187, 115 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, 187, 115 by changing the saturation by 10% instead.

235, 187, 115

255, 255, 255

255, 243, 168

255, 255, 196

255, 255, 224

255, 255, 253

235, 187, 115

206, 160, 90

177, 134, 65

148, 109, 40

121, 85, 14

94, 62, 0

67, 40, 0

42, 20, 0

8, 0, 0

0, 0, 0

235, 187, 115

235, 178, 92

235, 168, 68

235, 159, 45

235, 149, 21

235, 141, 0

235, 187, 115

235, 196, 139

235, 206, 162

235, 215, 186

235, 225, 209

235, 234, 233

235, 243, 255

235, 253, 255

235, 255, 255

Harmonies

Analogous

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

255, 173, 136

235, 187, 115

196, 200, 116

Triad

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

235, 187, 115

8, 216, 219

230, 175, 249

Complementary

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

235, 187, 115

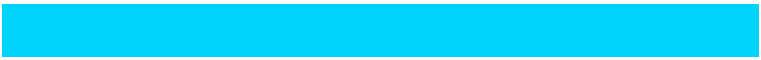
115, 163, 235

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.

176, 190, 255

235, 187, 115



0, 212, 254

Square

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

235, 187, 115

95, 215, 177

105, 204, 255

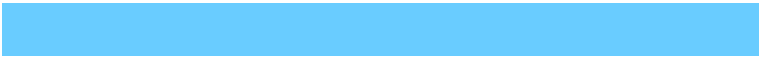
255, 165, 212

Rectangle

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

235, 187, 115

166, 207, 130



105, 204, 255

214, 180, 255

Sweetspot

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

235, 187, 115

255, 240, 217

235, 115, 163

128, 118, 105

0, 0, 0

128, 128, 128

Same Dimension

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

235, 187, 115

255, 193, 99

223, 235, 115

117, 113, 106

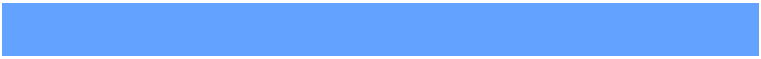
181, 109, 0

54, 32, 0

Inverse Universe

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

115, 163, 235



99, 162, 255

127, 115, 235

106, 110, 117

0, 72, 181

0, 21, 54

Previews

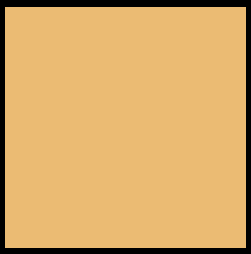
White Background

This preview shows how the RGB color 235, 187, 115 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



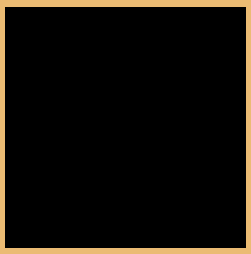
This preview shows how the RGB color 235, 187, 115 looks on a black background.

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, 187, 115 Background



This preview shows how black text looks on a background with the RGB color 235, 187, 115.

This preview shows how white text looks on a background with the RGB color 235, 187, 115.

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

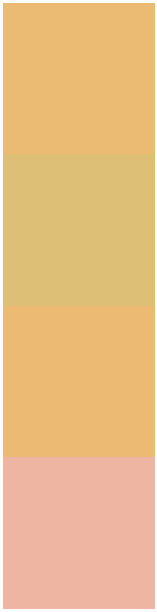
Original Color
235, 187, 115

Protanopia
213, 195, 118

Deuteranopia
237, 186, 115

Tritanopia
242, 178, 191

Trichromacy



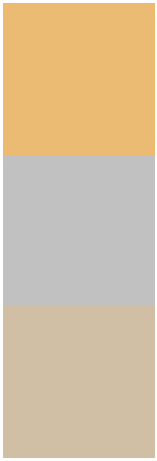
Original Color
235, 187, 115

Protanomaly
221, 192, 117

Deuteranomaly
236, 186, 115

Tritanomaly
239, 181, 163

Monochromacy



Original Color
235, 187, 115

Achromatopsia
193, 193, 193

Achromatomaly
208, 191, 165

CSS Examples

Text

The CSS property to change the color of the text to RGB 235, 187, 115 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, 187, 115) looks like.

```
.text, #text, p{
    color:rgb(235, 187, 115)
}
```

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, 187, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 187, 115) }
```

Border

The CSS property to change the border of an element to RGB 235, 187, 115 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, 187, 115) }
```

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

```
.border{ border-color:rgb(235, 187, 115) }
```

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

Here you see how a box with a 4 pixel rgb(235, 187, 115) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(235, 187, 115); -webkit-box-shadow:4px 4px 4px 4px rgb(235, 187, 115); box-shadow:4px 4px 4px 4px rgb(235, 187, 115) }
```

Background

The CSS property to change the background color of an element to RGB 235, 187, 115 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(235, 187, 115) }
```

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

```
.background{ background-color:rgb(235,
187, 115) }
```

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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