

Converting Colors

RGB(245, 216, 147)

Have a look what the booklet for
RGB(245, 216, 147) contains.

RGB(245, 216, 147)	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, 216, 147)

Conversions

Conversions Part 1

Format	Color
Hex	F5D893
RGB	245, 216, 147
RGB Percent	96%, 85%, 58%
CMY	0.0392, 0.1529, 0.4235
CMYK	0.00, 0.12, 0.40, 0.04
HSL	42°, 83%, 77%
HSV	42°, 40%, 96%
XYZ	67.4785, 70.6308, 37.6804
YIQ	216.8050, 39.4330, -15.3110

Conversions

Conversions Part 2

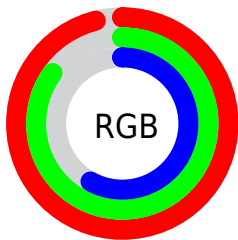
Format	Color
RYB	188, 245, 147
Decimal	16111763
CIELab	87.31, 0.76, 37.70
CIELCh	87, 37.705, 88.839
Yxy	70.6308, 0.3839, 0.4018
Android (android.graphics.Color)	4294301843 (0xFFFF5D893)
YUV	216.8050, -34.4139, 24.7270
Hunter-Lab	84.0421, -3.7538, 32.2468

Details

The RGB color **245, 216, 147** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **147, 176, 245**, and the grayscale version is **217, 217, 217**.

A 20% lighter version of the original color is **255, 255, 202**, and **187, 161, 95** is the 20% darker color. If you saturate the color by 10%, you get **245, 209, 122**, and if you desaturate by 10%, it is **245, 223, 171**.

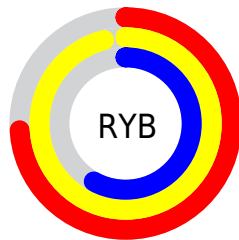
Distribution



Red (96%)

Green (85%)

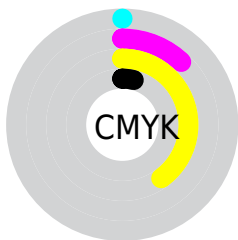
Blue (58%)



Red (74%)

Yellow (96%)

Blue (58%)

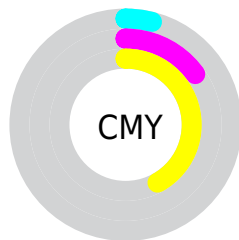


Cyan (0%)

Magenta (12%)

Yellow (40%)

Black (4%)



Cyan (4%)

Magenta (15%)

Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the RGB color 245, 216, 147 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, 216, 147 by changing the saturation by 10% instead.

 245, 216, 147

 245, 216, 147

255, 255, 255

 216, 188, 121

 255, 255, 202

 187, 161, 95

 255, 255, 230

 159, 135, 71

 132, 110, 47

 105, 86, 23

 79, 63, 0

 55, 41, 0

 30, 21, 0


 0, 0, 0

 245, 216, 147


 245, 216, 147

 245, 209, 122


 245, 223, 171

 245, 202, 98


 245, 231, 196

 245, 194, 74

 245, 238, 220

 245, 187, 49

 245, 245, 245

 245, 180, 24

 245, 252, 255

 245, 173, 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, 204, 159



245, 216, 147



207, 227, 155

Triad

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



245, 216, 147



100, 238, 252



255, 198, 255

Complementary

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



245, 216, 147



147, 176, 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.



222, 210, 255



245, 216, 147



119, 232, 255

Square

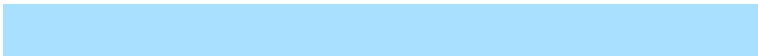
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



245, 216, 147



125, 238, 216



169, 223, 255



255, 192, 222

Rectangle

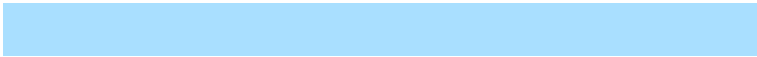
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



245, 216, 147



180, 233, 171



169, 223, 255



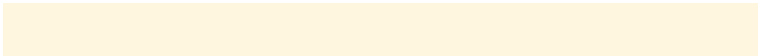
251, 202, 255

Sweetspot

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



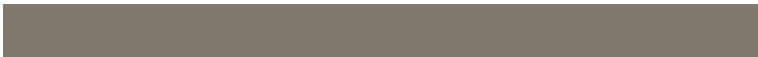
245, 216, 147



255, 246, 224



245, 147, 176



128, 122, 110



0, 0, 0



128, 128, 128

Same Dimension

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



245, 216, 147



255, 219, 133



225, 245, 147



122, 119, 110



186, 131, 0



59, 41, 0

Inverse Universe

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



147, 176, 245



133, 169, 255



167, 147, 245



110, 114, 122



0, 55, 186



0, 17, 59

Previews

White Background



This preview shows how the RGB color 245, 216, 147 looks on a white background.

Color Contrast Check

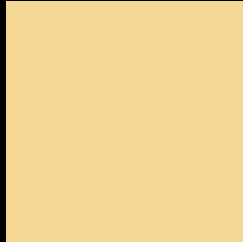
Large Text (above 18pt) WCAG AA × Fail

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, 216, 147 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

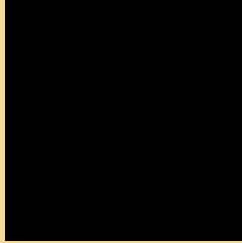
Any Text WCAG AA ✓ Pass

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, 216, 147 Background



This preview shows how black text looks on a background with the RGB color 245, 216, 147.



This preview shows how white text looks on a background with the RGB color 245, 216, 147.

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, 216, 147

Protanopia
237, 219, 148

Deuteranopia
255, 211, 163



Tritanopia
253, 206, 223

Trichromacy



Original Color

245, 216, 147

Protanomaly

240, 218, 148

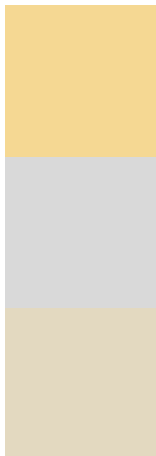
Deuteranomaly

251, 213, 157

Tritanomaly

250, 210, 195

Monochromacy



Original Color

245, 216, 147

Achromatopsia

217, 217, 217

Achromatomaly

227, 217, 192

CSS Examples

Text

The CSS property to change the color of the text to RGB 245, 216, 147 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, 216, 147)` looks like.

```
.text, #text, p{  
    color:rgb(245, 216, 147)  
}
```

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, 216, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 216, 147) }
```

Border

The CSS property to change the border of an element to RGB 245, 216, 147 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, 216, 147) }
```

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

```
.border{ border-color:rgb(245, 216, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 216, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(245, 216, 147); -webkit-box-shadow:4px 4px 4px 4px rgb(245, 216, 147); box-shadow:4px 4px 4px 4px rgb(245, 216, 147) }
```

Background

The CSS property to change the background color of an element to RGB 245, 216, 147 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 216, 147) }
```

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

```
.background{ background-color: rgb(245,  
216, 147) }
```

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