

# Converting Colors

RGB(245, 213, 144)

Have a look what the booklet for  
RGB(245, 213, 144) contains.

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# **Color**

**RGB(245, 213, 144)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F5D590
RGB	245, 213, 144
RGB Percent	96%, 84%, 56%
CMY	0.0392, 0.1647, 0.4353
CMYK	0.00, 0.13, 0.41, 0.04
HSL	41°, 83%, 76%
HSV	41°, 41%, 96%
XYZ	66.4845, 69.0146, 36.2026
YIQ	214.7020, 41.2210, -14.6750

# Conversions

## Conversions Part 2

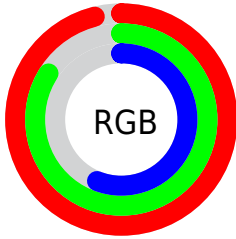
Format	Color
<b>R<sub>YB</sub></b>	191, 245, 144
Decimal	16110992
CIE <sub>Lab</sub>	86.51, 1.99, 38.19
CIE <sub>LCh</sub>	87, 38.240, 87.024
Yxy	69.0146, 0.3872, 0.4019
Android (android.graphics.Color)	4294301072 (0xFFFF5D590)
YUV	214.7020, -34.8561, 26.5713
Hunter-Lab	83.0750, -2.5287, 32.3150

# Details

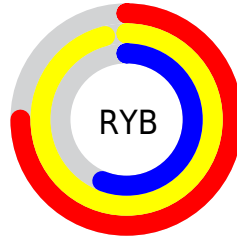
The RGB color **245, 213, 144** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **144, 176, 245**, and the grayscale version is **215, 215, 215**.

A 20% lighter version of the original color is **255, 255, 199**, and **187, 159, 92** is the 20% darker color. If you saturate the color by 10%, you get **245, 205, 120**, and if you desaturate by 10%, it is **245, 221, 169**.

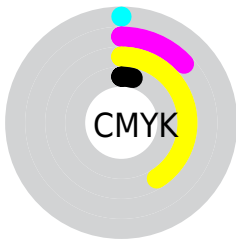
# Distribution



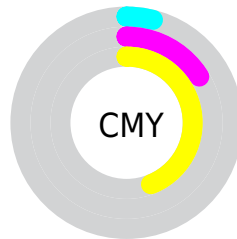
- Red (96%)
- Green (84%)
- Blue (56%)



- Red (75%)
- Yellow (96%)
- Blue (56%)



- Cyan (0%)
- Magenta (13%)
- Yellow (41%)
- Black (4%)



- Cyan (4%)
- Magenta (16%)
- Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the RGB color 245, 213, 144 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, 213, 144 by changing the saturation by 10% instead.



 245, 213, 144

 245, 213, 144

255, 255, 255

 216, 185, 118

 255, 255, 199

 187, 159, 92

 255, 255, 227

 159, 132, 68

 132, 107, 44

 105, 83, 20

 79, 60, 0

 54, 39, 0

 30, 19, 0


 0, 0, 0

 245, 213, 144


 245, 213, 144

 245, 205, 120


 245, 221, 169

 245, 197, 95


 245, 229, 193

 245, 190, 70

 245, 236, 218

 245, 182, 46

 245, 244, 242

 245, 174, 21

 245, 252, 255

 245, 167, 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, 201, 157



245, 213, 144



207, 224, 151

# Triad

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



245, 213, 144



95, 236, 248



255, 196, 255

# Complementary

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



245, 213, 144



144, 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.



216, 208, 255



245, 213, 144



111, 231, 255

# Square

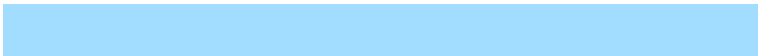
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



245, 213, 144



123, 236, 212



162, 221, 255



255, 189, 222

# Rectangle

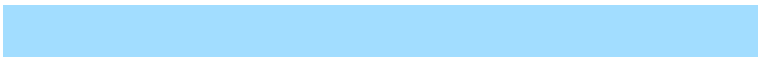
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



245, 213, 144



180, 230, 166



162, 221, 255



247, 200, 255

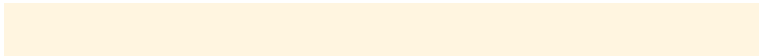


# Sweetspot

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



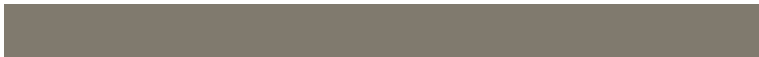
245, 213, 144



255, 245, 224



245, 144, 178



128, 122, 110



0, 0, 0



128, 128, 128



# Same Dimension

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



245, 213, 144



255, 215, 130



228, 245, 144



122, 119, 110



186, 127, 0



59, 40, 0



# Inverse Universe

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



144, 176, 245



130, 170, 255



161, 144, 245



110, 114, 122



0, 59, 186



0, 19, 59



# Previews

## White Background



This preview shows how the RGB color 245, 213, 144 looks on a white background.

## Color Contrast Check

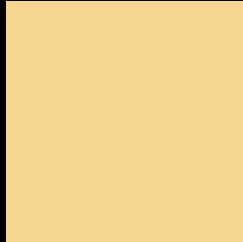
Large Text (above 18pt) WCAG AA × Fail

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, 213, 144 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, 213, 144 Background



This preview shows how black text looks on a background with the RGB color 245, 213, 144.



This preview shows how white text looks on a background with the RGB color 245, 213, 144.

# 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





**Tritanopia**  
253, 204, 219

# Trichromacy



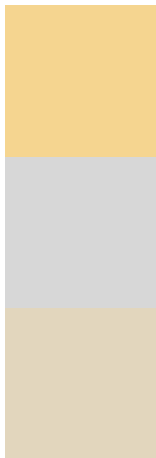
**Original Color**  
245, 213, 144

**Protanomaly**  
239, 216, 145

**Deuteranomaly**  
251, 210, 152

**Tritanomaly**  
250, 207, 192

# Monochromacy



**Original Color**  
245, 213, 144

**Achromatopsia**  
215, 215, 215

**Achromatomaly**  
226, 214, 189

# CSS Examples

## Text

The CSS property to change the color of the text to RGB 245, 213, 144 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, 213, 144)` looks like.

```
.text, #text, p{  
    color:rgb(245, 213, 144)  
}
```

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, 213, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 213, 144) }
```

## Border

The CSS property to change the border of an element to RGB 245, 213, 144 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, 213, 144) }
```

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

```
.border{ border-color:rgb(245, 213, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 213, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 213, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 213, 144);  
box-shadow:4px 4px 4px 4px rgb(245, 213,  
144) }
```

# Background

The CSS property to change the background color of an element to RGB 245, 213, 144 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 213, 144) }
```

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

```
.background{ background-color: rgb(245,  
213, 144) }
```

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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