

# Converting Colors

RGB(242, 213, 145)

Have a look what the booklet for  
RGB(242, 213, 145) contains.

<b>RGB(242, 213, 145)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**RGB(242, 213, 145)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F2D591
RGB	242, 213, 145
RGB Percent	95%, 84%, 57%
CMY	0.0510, 0.1647, 0.4314
CMYK	0.00, 0.12, 0.40, 0.05
HSL	42°, 79%, 76%
HSV	42°, 40%, 95%
XYZ	65.5230, 68.5101, 36.5584
YIQ	213.9190, 39.1120, -15.0000

# Conversions

## Conversions Part 2

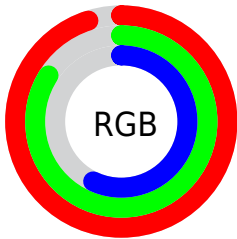
Format	Color
R <sub>Y</sub> B	186, 242, 145
Decimal	15914385
CIE Lab	86.26, 0.91, 37.30
CIE LCh	86, 37.315, 88.595
Yxy	68.5101, 0.3841, 0.4016
Android (android.graphics.Color)	4294104465 (0xFFFF2D591)
YUV	213.9190, -33.9771, 24.6270
Hunter-Lab	82.7708, -3.5448, 31.7522

# Details

The RGB color **242, 213, 145** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **145, 174, 242**, and the grayscale version is **214, 214, 214**.

A 20% lighter version of the original color is **255, 255, 200**, and **184, 159, 93** is the 20% darker color. If you saturate the color by 10%, you get **242, 206, 121**, and if you desaturate by 10%, it is **242, 220, 169**.

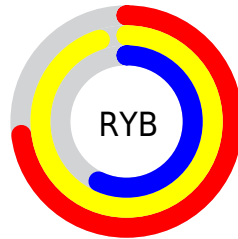
# Distribution



Red (95%)

Green (84%)

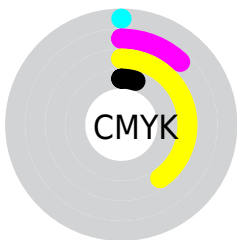
Blue (57%)



Red (73%)

Yellow (95%)

Blue (57%)

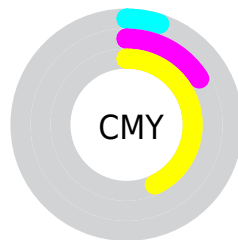


Cyan (0%)

Magenta (12%)

Yellow (40%)

Black (5%)



Cyan (5%)

Magenta (16%)

Yellow (43%)

# Brightness & Saturation Gradients

These gradients show how the RGB color 242, 213, 145 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 242, 213, 145 by changing the saturation by 10% instead.



 242, 213, 145

 242, 213, 145

255, 255, 255

 213, 185, 119

 255, 255, 200

 184, 159, 93

 255, 255, 228

 156, 132, 69

 129, 107, 45

 103, 83, 21

 77, 60, 0

 52, 39, 0

 28, 19, 0

 0, 0, 0

 242, 213, 145

 242, 213, 145

 242, 206, 121


 242, 220, 169

 242, 199, 97

 242, 227, 193

 242, 191, 72

 242, 235, 218

 242, 184, 48

 242, 242, 242

 242, 177, 24

 242, 249, 255

 242, 170, 0

 242, 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



242, 213, 145



205, 224, 153

# Triad

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



242, 213, 145



99, 234, 248



255, 196, 253

# Complementary

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



242, 213, 145



145, 174, 242

# 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.



218, 207, 255



242, 213, 145



117, 229, 255

# Square

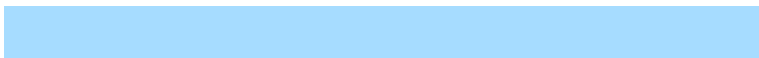
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



242, 213, 145



123, 235, 213



166, 220, 255



255, 189, 219

# Rectangle

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



242, 213, 145



178, 229, 168



166, 220, 255



247, 199, 255

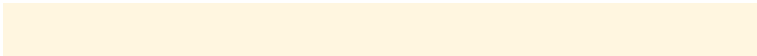


# Sweetspot

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



242, 213, 145



255, 246, 224



242, 145, 174



128, 122, 110



0, 0, 0



128, 128, 128



# Same Dimension

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



242, 213, 145



255, 218, 133



223, 242, 145



120, 116, 108



184, 129, 0



56, 39, 0



# Inverse Universe

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



145, 174, 242



133, 169, 255



164, 145, 242



108, 111, 120



0, 55, 184



0, 17, 56



# Previews

## White Background



This preview shows how the RGB color 242, 213, 145 looks on a white background.

## Color Contrast Check

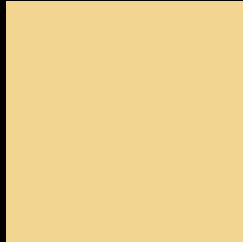
Large Text (above 18pt) WCAG AA × Fail

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 242, 213, 145 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 242, 213, 145 Background



This preview shows how black text looks on a background with the RGB color 242, 213, 145.



This preview shows how white text looks on a background with the RGB color 242, 213, 145.

# 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**  
242, 213, 145

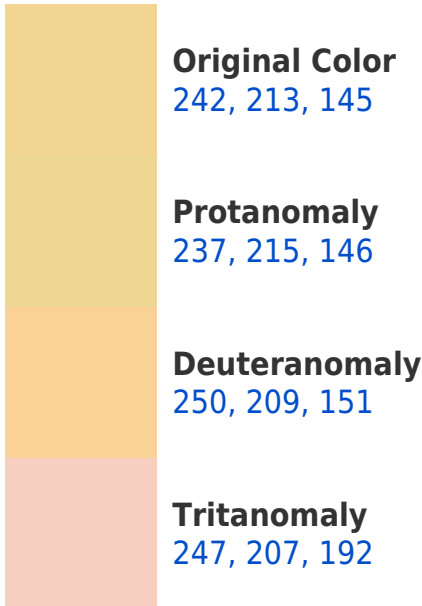
**Protanopia**  
234, 216, 146

**Deuteranopia**  
255, 207, 154



**Tritanopia**  
250, 204, 219

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to RGB 242, 213, 145 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(242, 213, 145)` looks like.

```
.text, #text, p{  
    color:rgb(242, 213, 145)  
}
```

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(242, 213, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 213, 145) }
```

## Border

The CSS property to change the border of an element to RGB 242, 213, 145 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(242, 213, 145) }
```

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

```
.border{ border-color:rgb(242, 213, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 213, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 213, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 213, 145);  
box-shadow:4px 4px 4px 4px rgb(242, 213,  
145) }
```

# Background

The CSS property to change the background color of an element to RGB 242, 213, 145 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 213, 145) }
```

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

```
.background{ background-color: rgb(242,  
213, 145) }
```

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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