

Converting Colors

RGB(244, 215, 124)

Have a look what the booklet for
RGB(244, 215, 124) contains.

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Color

RGB(244, 215, 124)

Conversions

Conversions Part 1

Format	Color
Hex	F4D77C
RGB	244, 215, 124
RGB Percent	96%, 84%, 49%
CMY	0.0431, 0.1569, 0.5137
CMYK	0.00, 0.12, 0.49, 0.04
HSL	46°, 85%, 72%
HSV	46°, 49%, 96%
XYZ	65.2468, 69.2892, 29.0041
YIQ	213.2970, 46.4950, -22.1530

Conversions

Conversions Part 2

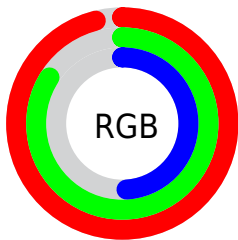
Format	Color
R _Y B	162, 244, 124
Decimal	16045948
CIE Lab	86.65, -1.37, 48.29
CIE LCh	87, 48.312, 91.627
Yxy	69.2892, 0.3990, 0.4237
Android (android.graphics.Color)	4294236028 (0xFFFF4D77C)
YUV	213.2970, -44.0234, 26.9265
Hunter-Lab	83.2401, -5.7552, 37.6092

Details

The RGB color **244, 215, 124** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **124, 153, 244**, and the grayscale version is **214, 214, 214**.

A 20% lighter version of the original color is **255, 255, 178**, and **186, 160, 72** is the 20% darker color. If you saturate the color by 10%, you get **244, 209, 100**, and if you desaturate by 10%, it is **244, 221, 148**.

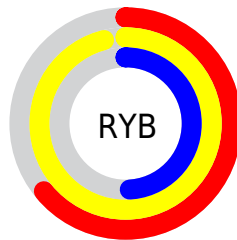
Distribution



Red (96%)

Green (84%)

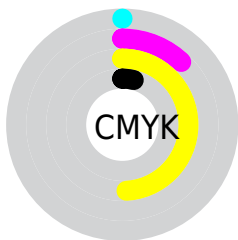
Blue (49%)



Red (64%)

Yellow (96%)

Blue (49%)

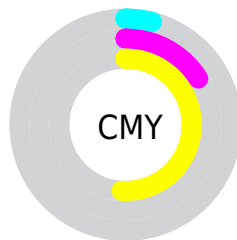


Cyan (0%)

Magenta (12%)

Yellow (49%)

Black (4%)



Cyan (4%)

Magenta (16%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the RGB color 244, 215, 124 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 244, 215, 124 by changing the saturation by 10% instead.

 244, 215, 124

 244, 215, 124

255, 255, 255

 215, 187, 98

 255, 255, 178

 186, 160, 72

 255, 255, 206

 157, 134, 47

 255, 255, 235

 129, 109, 19

 102, 85, 0

 77, 62, 0

 50, 41, 0

 26, 21, 0

 0, 0, 0

■ 244, 215, 124

■ 244, 215, 124

■ 244, 209, 100

■ 244, 221, 148

■ 244, 203, 75

■ 244, 227, 173

■ 244, 197, 51

■ 244, 233, 197

■ 244, 191, 26

■ 244, 239, 222

■ 244, 186, 2

■ 244, 244, 246

■ 244, 185, 0

■ 244, 250, 255

■ 244, 255, 255

Harmonies

Analogous

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



255, 199, 137



244, 215, 124



196, 228, 137

Triad

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



244, 215, 124



0, 240, 255



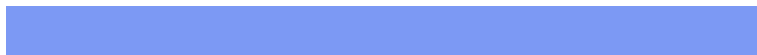
255, 188, 255

Complementary

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



244, 215, 124



124, 153, 244

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.



225, 204, 255



244, 215, 124



54, 233, 255

Square

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



244, 215, 124



69, 241, 218



152, 221, 255



255, 181, 216

Rectangle

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



244, 215, 124



160, 235, 158



152, 221, 255



255, 193, 255

Sweetspot

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



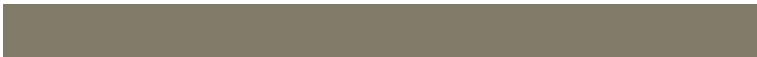
244, 215, 124



255, 246, 217



244, 124, 154



128, 122, 105



0, 0, 0



128, 128, 128

Same Dimension

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



244, 215, 124



255, 219, 105



214, 244, 124



122, 119, 110



186, 141, 0



59, 44, 0

Inverse Universe

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



124, 153, 244



105, 141, 255



154, 124, 244



110, 113, 122



0, 45, 186



0, 14, 59

Previews

White Background



This preview shows how the RGB color 244, 215, 124 looks on a white background.

Color Contrast Check

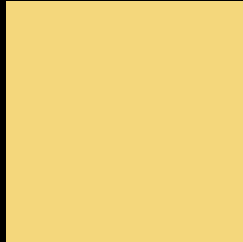
Large Text (above 18pt) WCAG AA × Fail

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 244, 215, 124 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 244, 215, 124 Background



This preview shows how black text looks on a background with the RGB color 244, 215, 124.



This preview shows how white text looks on a background with the RGB color 244, 215, 124.

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
244, 215, 124

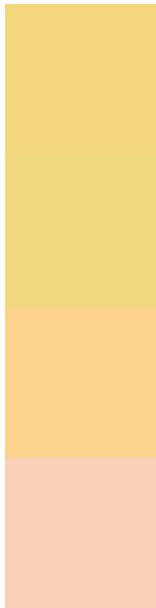
Protanopia
238, 217, 125

Deuteranopia
255, 209, 151



Tritanopia
253, 204, 220

Trichromacy



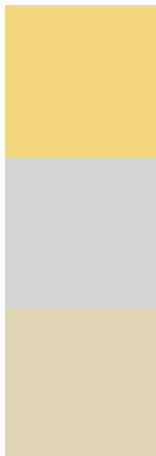
Original Color
244, 215, 124

Protanomaly
240, 216, 125

Deuteranomaly
251, 211, 141

Tritanomaly
250, 208, 185

Monochromacy



Original Color
244, 215, 124

Achromatopsia
213, 213, 213

Achromatomaly
224, 214, 181

CSS Examples

Text

The CSS property to change the color of the text to RGB 244, 215, 124 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(244, 215, 124)` looks like.

```
.text, #text, p{  
    color:rgb(244, 215, 124)  
}
```

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(244, 215, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 215, 124) }
```

Border

The CSS property to change the border of an element to RGB 244, 215, 124 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(244, 215, 124) }
```

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

```
.border{ border-color:rgb(244, 215, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 215, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 215, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 215, 124);  
box-shadow:4px 4px 4px 4px rgb(244, 215,  
124) }
```

Background

The CSS property to change the background color of an element to RGB 244, 215, 124 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 215, 124) }
```

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

```
.background{ background-color: rgb(244,  
215, 124) }
```

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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