

Converting Colors

RGB(243, 220, 112)

Have a look what the booklet for
RGB(243, 220, 112) contains.

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Color

RGB(243, 220, 112)

Conversions

Conversions Part 1

Format	Color
Hex	F3DC70
RGB	243, 220, 112
RGB Percent	95%, 86%, 44%
CMY	0.0471, 0.1373, 0.5608
CMYK	0.00, 0.09, 0.54, 0.05
HSL	49°, 85%, 70%
HSV	49°, 54%, 95%
XYZ	65.4800, 71.4109, 25.6618
YIQ	214.5650, 48.3760, -28.7120

Conversions

Conversions Part 2

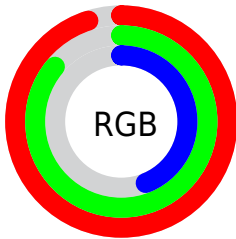
Format	Color
RYB	140, 243, 112
Decimal	15981680
CIELab	87.68, -5.32, 55.23
CIELCh	88, 55.482, 95.500
Yxy	71.4109, 0.4028, 0.4393
Android (android.graphics.Color)	4294171760 (0xFFFF3DC70)
YUV	214.5650, -50.5645, 24.9375
Hunter-Lab	84.5050, -9.5703, 41.1488

Details

The RGB color **243, 220, 112** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **112, 135, 243**, and the grayscale version is **215, 215, 215**.

A 20% lighter version of the original color is **255, 255, 166**, and **184, 165, 59** is the 20% darker color. If you saturate the color by 10%, you get **243, 216, 88**, and if you desaturate by 10%, it is **243, 224, 136**.

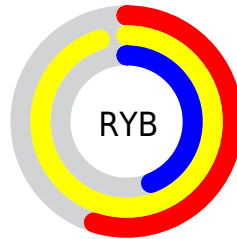
Distribution



Red (95%)

Green (86%)

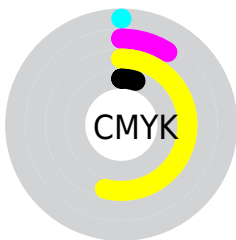
Blue (44%)



Red (55%)

Yellow (95%)

Blue (44%)

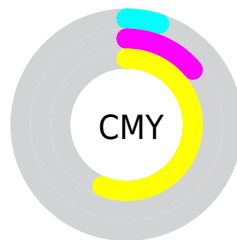


Cyan (0%)

Magenta (9%)

Yellow (54%)

Black (5%)



Cyan (5%)

















Magenta (14%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the RGB color 243, 220, 112 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 243, 220, 112 by changing the saturation by 10% instead.

 243, 220, 112	 243, 220, 112
 255, 255, 255	 213, 192, 86
 255, 255, 166	 184, 165, 59
 255, 255, 194	 156, 139, 31
 255, 255, 223	 128, 114, 0
 255, 255, 252	 101, 90, 0
	 74, 66, 0
	 48, 45, 0
	 24, 24, 0
	 0, 0, 0

■ 243, 220, 112

■ 243, 220, 112

■ 243, 216, 88

■ 243, 224, 136

■ 243, 211, 63

■ 243, 229, 161

■ 243, 207, 39

■ 243, 233, 185

■ 243, 203, 15

■ 243, 237, 209

■ 243, 200, 0

■ 243, 241, 233

■ 243, 246, 255

■ 243, 250, 255

■ 243, 254, 255

■ 243, 255, 255

Harmonies

Analogous

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



255, 201, 124



243, 220, 112



187, 235, 131

Triad

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



243, 220, 112



0, 245, 255



255, 184, 255

Complementary

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



243, 220, 112



112, 135, 243

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.



237, 202, 255



243, 220, 112



0, 237, 255

Square

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



243, 220, 112



0, 247, 228



152, 222, 255



255, 176, 212

Rectangle

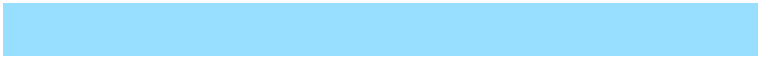
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



243, 220, 112



143, 241, 158



152, 222, 255



255, 189, 255

Sweetspot

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



243, 220, 112



255, 248, 214



243, 112, 136



128, 123, 103



0, 0, 0



128, 128, 128

Same Dimension

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



243, 220, 112



255, 226, 89



202, 243, 112



122, 120, 110



186, 153, 0



59, 48, 0

Inverse Universe

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



112, 135, 243



89, 118, 255



153, 112, 243



110, 112, 122



0, 33, 186



0, 10, 59

Previews

White Background



This preview shows how the RGB color 243, 220, 112 looks on a white background.

Color Contrast Check

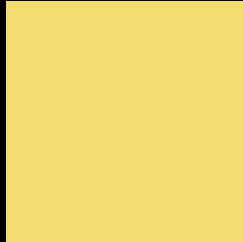
Large Text (above 18pt) WCAG AA × Fail

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 243, 220, 112 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 243, 220, 112 Background



This preview shows how black text looks on a background with the RGB color 243, 220, 112.



This preview shows how white text looks on a background with the RGB color 243, 220, 112.

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
243, 220, 112

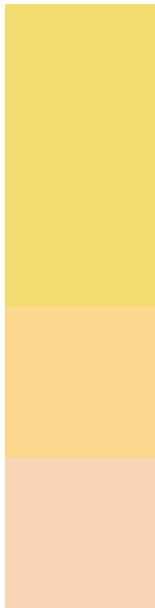
Protanopia
243, 220, 112

Deuteranopia
255, 213, 158



Tritanopia
254, 208, 224

Trichromacy



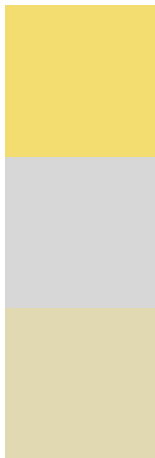
Original Color
243, 220, 112

Protanomaly
243, 220, 112

Deuteranomaly
251, 216, 141

Tritanomaly
250, 212, 183

Monochromacy



Original Color
243, 220, 112

Achromatopsia
215, 215, 215

Achromatomaly
225, 217, 178

CSS Examples

Text

The CSS property to change the color of the text to RGB 243, 220, 112 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(243, 220, 112)` looks like.

```
.text, #text, p{  
    color:rgb(243, 220, 112)  
}
```

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(243, 220, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 220, 112) }
```

Border

The CSS property to change the border of an element to RGB 243, 220, 112 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(243, 220, 112) }
```

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

```
.border{ border-color:rgb(243, 220, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 220, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(243, 220, 112); -webkit-box-shadow:4px 4px 4px 4px rgb(243, 220, 112); box-shadow:4px 4px 4px 4px rgb(243, 220, 112) }
```

Background

The CSS property to change the background color of an element to RGB 243, 220, 112 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 220, 112) }
```

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

```
.background{ background-color: rgb(243,  
220, 112) }
```

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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