

Converting Colors

RGB(240, 204, 131)

Have a look what the booklet for
RGB(240, 204, 131) contains.

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Color

RGB(240, 204, 131)

Conversions

Conversions Part 1

Format	Color
Hex	F0CC83
RGB	240, 204, 131
RGB Percent	94%, 80%, 51%
CMY	0.0588, 0.2000, 0.4863
CMYK	0.00, 0.15, 0.45, 0.06
HSL	40°, 78%, 73%
HSV	40°, 45%, 94%
XYZ	61.6248, 63.3497, 30.4525
YIQ	206.4420, 44.8890, -15.0710

Conversions

Conversions Part 2

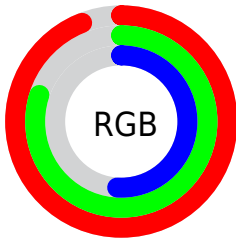
Format	Color
RYB	185, 240, 131
Decimal	15780995
CIELab	83.63, 3.33, 40.98
CIELCh	84, 41.111, 85.350
Yxy	63.3497, 0.3965, 0.4076
Android (android.graphics.Color)	4293971075 (0xFFFF0CC83)
YUV	206.4420, -37.1929, 29.4304
Hunter-Lab	79.5925, -1.0827, 33.0301

Details

The RGB color **240, 204, 131** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **131, 167, 240**, and the grayscale version is **207, 207, 207**.

A 20% lighter version of the original color is **255, 255, 185**, and **182, 150, 80** is the 20% darker color. If you saturate the color by 10%, you get **240, 196, 107**, and if you desaturate by 10%, it is **240, 212, 155**.

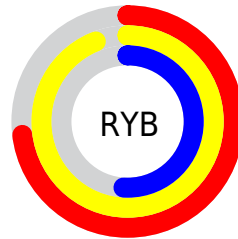
Distribution



Red (94%)

Green (80%)

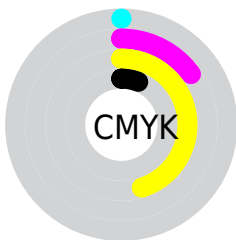
Blue (51%)



Red (73%)

Yellow (94%)

Blue (51%)

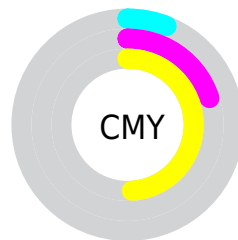


Cyan (0%)

Magenta (15%)

Yellow (45%)

Black (6%)



Cyan (6%)

Magenta (20%)

Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the RGB color 240, 204, 131 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 240, 204, 131 by changing the saturation by 10% instead.

 240, 204, 131

 240, 204, 131

255, 255, 255

 211, 177, 105

 255, 255, 185

 182, 150, 80

 255, 255, 213

 154, 124, 55

 255, 255, 242

 126, 99, 31

 100, 76, 4

 74, 53, 0


 48, 32, 0

 23, 10, 0


 0, 0, 0

 240, 204, 131


 240, 204, 131

 240, 196, 107


 240, 212, 155

 240, 188, 83


 240, 220, 179

 240, 180, 59

 240, 228, 203

 240, 172, 35

 240, 236, 227

 240, 164, 11

 240, 244, 251

 240, 161, 0

 240, 252, 255

 240, 255, 255

Harmonies

Analogous

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



255, 191, 146



240, 204, 131



201, 216, 137

Triad

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



240, 204, 131



65, 229, 240



252, 187, 253

Complementary

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



240, 204, 131



131, 167, 240

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.



205, 201, 255



240, 204, 131



83, 224, 255

Square

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



240, 204, 131



107, 229, 201



144, 214, 255



255, 179, 216

Rectangle

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



240, 204, 131



171, 222, 153



144, 214, 255



238, 191, 255

Sweetspot

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



240, 204, 131



255, 243, 219



240, 131, 167



128, 120, 106



0, 0, 0



128, 128, 128

Same Dimension

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



240, 204, 131



255, 209, 115



222, 240, 131



120, 116, 108



184, 123, 0



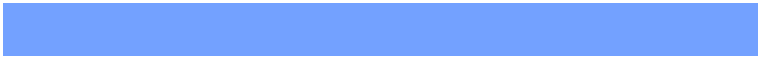
56, 38, 0

Inverse Universe

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



131, 167, 240



115, 161, 255



149, 131, 240



108, 112, 120



0, 61, 184



0, 19, 56

Previews

White Background



This preview shows how the RGB color 240, 204, 131 looks on a white background.

Color Contrast Check

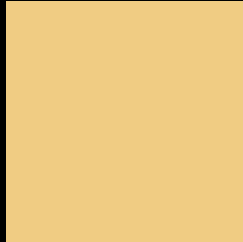
Large Text (above 18pt) WCAG AA × Fail

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 240, 204, 131 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 240, 204, 131 Background



This preview shows how black text looks on a background with the RGB color 240, 204, 131.

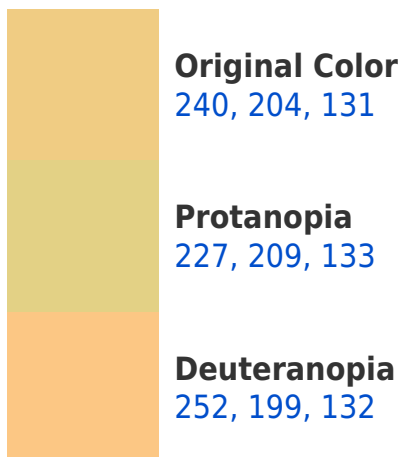


This preview shows how white text looks on a background with the RGB color 240, 204, 131.

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](#).

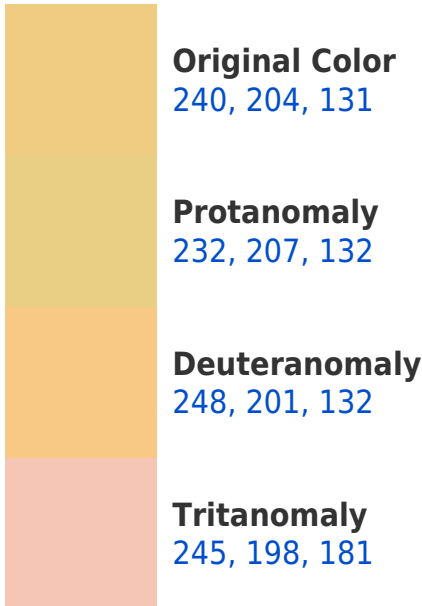
Dichromacy





Tritanopia
248, 194, 209

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to RGB 240, 204, 131 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(240, 204, 131)` looks like.

```
.text, #text, p{  
    color:rgb(240, 204, 131)  
}
```

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(240, 204, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 204, 131) }
```

Border

The CSS property to change the border of an element to RGB 240, 204, 131 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(240, 204, 131) }
```

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

```
.border{ border-color:rgb(240, 204, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 204, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 204, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 204, 131);  
box-shadow:4px 4px 4px 4px rgb(240, 204,  
131) }
```

Background

The CSS property to change the background color of an element to RGB 240, 204, 131 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 204, 131) }
```

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

```
.background{ background-color: rgb(240,  
204, 131) }
```

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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