

Converting Colors

RGB(252, 204, 131)

Have a look what the booklet for
RGB(252, 204, 131) contains.

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Color

RGB(252, 204, 131)

Conversions

Conversions Part 1

Format	Color
Hex	FCCC83
RGB	252, 204, 131
RGB Percent	99%, 80%, 51%
CMY	0.0118, 0.2000, 0.4863
CMYK	0.00, 0.19, 0.48, 0.01
HSL	36°, 95%, 75%
HSV	36°, 48%, 99%
XYZ	65.8345, 65.5199, 30.6495
YIQ	210.0300, 52.0410, -12.5270

Conversions

Conversions Part 2

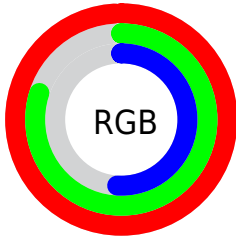
Format	Color
RYB	211, 252, 131
Decimal	16567427
CIELab	84.75, 8.12, 42.63
CIElCh	85, 43.401, 79.214
Yxy	65.5199, 0.4064, 0.4044
Android (android.graphics.Color)	4294757507 (0xFFFC83)
YUV	210.0300, -38.9618, 36.8077
Hunter-Lab	80.9443, 3.5268, 34.2110

Details

The RGB color **252, 204, 131** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **131, 179, 252**, and the grayscale version is **210, 210, 210**.

A 20% lighter version of the original color is **255, 255, 185**, and **193, 150, 80** is the 20% darker color. If you saturate the color by 10%, you get **252, 194, 106**, and if you desaturate by 10%, it is **252, 214, 156**.

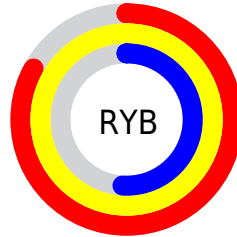
Distribution



Red (99%)

Green (80%)

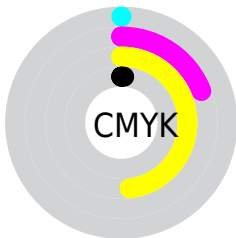
Blue (51%)



Red (83%)

Yellow (99%)

Blue (51%)

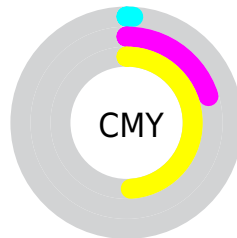


Cyan (0%)

Magenta (19%)

Yellow (48%)

Black (1%)



Cyan (1%)

Magenta (20%)

Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the RGB color 252, 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 252, 204, 131 by changing the saturation by 10% instead.


 252, 204, 131

 252, 204, 131

255, 255, 255

 222, 177, 105

 255, 255, 185

 193, 150, 80

 255, 255, 213

 164, 124, 55

 255, 255, 242

 136, 99, 31

 109, 76, 3

 83, 53, 0

 56, 32, 0

 32, 10, 0

 0, 0, 0

252, 204, 131

252, 204, 131

252, 194, 106

252, 214, 156

252, 184, 81

252, 224, 181

252, 174, 55

252, 234, 207

252, 164, 30

252, 244, 232

252, 154, 5

252, 254, 255

252, 152, 0

252, 255, 255

Harmonies

Analogous

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



255, 190, 151



252, 204, 131



212, 217, 133

Triad

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



252, 204, 131



57, 233, 237



249, 192, 255

Complementary

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



252, 204, 131



131, 179, 252

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.



195, 206, 255



252, 204, 131



58, 229, 255

Square

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



252, 204, 131



113, 233, 195



127, 220, 255



255, 181, 228

Rectangle

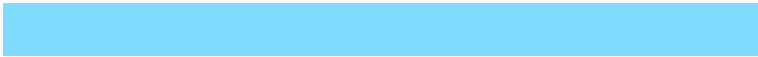
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



252, 204, 131



182, 224, 147



127, 220, 255



233, 196, 255

Sweetspot

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



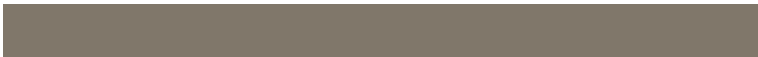
252, 204, 131



255, 241, 219



252, 131, 179



128, 119, 106



0, 0, 0



128, 128, 128

Same Dimension

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



252, 204, 131



255, 196, 107



240, 252, 131



125, 120, 112



189, 114, 0



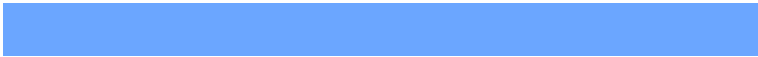
61, 37, 0

Inverse Universe

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



131, 179, 252



107, 166, 255



143, 131, 252



112, 117, 125



0, 75, 189



0, 24, 61

Previews

White Background



This preview shows how the RGB color 252, 204, 131 looks on a white background.

Color Contrast Check

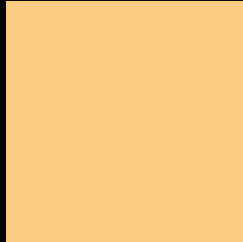
Large Text (above 18pt) WCAG AA × Fail

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 252, 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 252, 204, 131 Background



This preview shows how black text looks on a background with the RGB color 252, 204, 131.



This preview shows how white text looks on a background with the RGB color 252, 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



Original Color
252, 204, 131

Protanopia
231, 212, 134

Deuteranopia
255, 203, 134



Tritanopia
255, 196, 210

Trichromacy



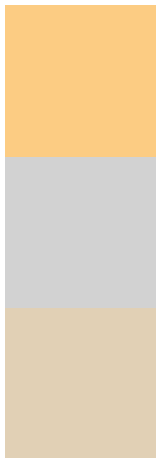
Original Color
252, 204, 131

Protanomaly
239, 209, 133

Deuteranomaly
254, 203, 133

Tritanomaly
254, 199, 181

Monochromacy



Original Color
252, 204, 131

Achromatopsia
210, 210, 210

Achromatomaly
225, 208, 181

CSS Examples

Text

The CSS property to change the color of the text to RGB 252, 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(252, 204, 131)` looks like.

```
.text, #text, p{  
    color:rgb(252, 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(252, 204, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 204, 131) }
```

Border

The CSS property to change the border of an element to RGB 252, 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(252, 204, 131) }
```

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

```
.border{ border-color:rgb(252, 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(252, 204, 131) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 204, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 204, 131);  
box-shadow:4px 4px 4px 4px rgb(252, 204,  
131) }
```

Background

The CSS property to change the background color of an element to RGB 252, 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(252, 204, 131) }
```

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

```
.background{ background-color: rgb(252,  
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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