

Converting Colors

RGB(252, 196, 133)

Have a look what the booklet for
RGB(252, 196, 133) contains.

RGB(252, 196, 133)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(252, 196, 133)

Conversions

Conversions Part 1

Format	Color
Hex	FCC485
RGB	252, 196, 133
RGB Percent	99%, 77%, 52%
CMY	0.0118, 0.2314, 0.4784
CMYK	0.00, 0.22, 0.47, 0.01
HSL	32°, 95%, 75%
HSV	32°, 47%, 99%
XYZ	64.1184, 61.8688, 30.7528
YIQ	205.5620, 53.5990, -7.7210

Conversions

Conversions Part 2

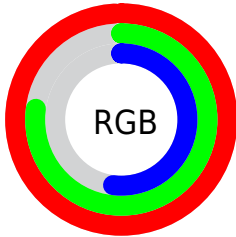
Format	Color
R _Y B	239, 252, 133
Decimal	16565381
CIE Lab	82.84, 12.47, 39.20
CIE LCh	83, 41.133, 72.359
Yxy	61.8688, 0.4091, 0.3947
Android (android.graphics.Color)	4294755461 (0xFFFC485)
YUV	205.5620, -35.7731, 40.7261
Hunter-Lab	78.6567, 7.8583, 31.8788

Details

The RGB color **252, 196, 133** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **133, 189, 252**, and the grayscale version is **206, 206, 206**.

A 20% lighter version of the original color is **255, 253, 187**, and **193, 142, 82** is the 20% darker color. If you saturate the color by 10%, you get **252, 184, 108**, and if you desaturate by 10%, it is **252, 208, 158**.

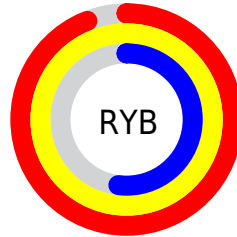
Distribution



Red (99%)

Green (77%)

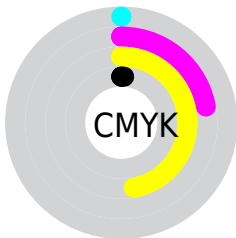
Blue (52%)



Red (94%)

Yellow (99%)

Blue (52%)

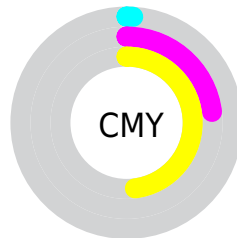


Cyan (0%)

Magenta (22%)

Yellow (47%)

Black (1%)



Cyan (1%)


Magenta (23%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the RGB color 252, 196, 133 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, 196, 133 by changing the saturation by 10% instead.

 252, 196, 133


255, 255, 255


 255, 253, 187

 255, 255, 215

 255, 255, 244

 252, 196, 133

 222, 169, 107

 193, 142, 82

 164, 117, 58

 136, 92, 34

 109, 69, 9

 83, 46, 0

 56, 25, 0

 32, 0, 0

 0, 0, 0

■ 252, 196, 133

■ 252, 196, 133

■ 252, 184, 108

■ 252, 208, 158

■ 252, 172, 83

■ 252, 220, 183

■ 252, 160, 57

■ 252, 232, 209

■ 252, 149, 32

■ 252, 243, 234

■ 252, 137, 7

252, 255, 255

■ 252, 133, 0

Harmonies

Analogous

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



255, 183, 156



252, 196, 133



216, 209, 130

Triad

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



252, 196, 133



77, 227, 221



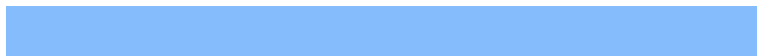
231, 190, 255

Complementary

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



252, 196, 133



133, 189, 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.



177, 205, 255



252, 196, 133



61, 224, 255

Square

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



252, 196, 133



126, 225, 182



114, 217, 255



255, 179, 231

Rectangle

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



252, 196, 133



188, 216, 140



114, 217, 255



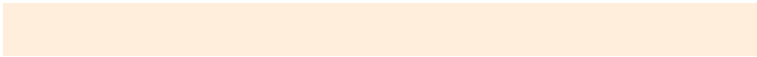
215, 195, 255

Sweetspot

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



252, 196, 133



255, 238, 219



252, 133, 191



128, 117, 106



0, 0, 0



128, 128, 128

Same Dimension

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



252, 196, 133



255, 187, 110



250, 252, 133



125, 119, 112



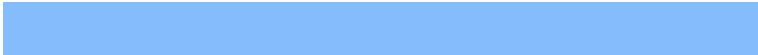
189, 100, 0



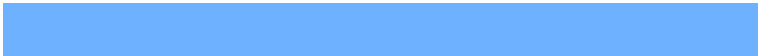
61, 32, 0

Inverse Universe

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



133, 189, 252



110, 178, 255



135, 133, 252



112, 118, 125



0, 89, 189



0, 29, 61

Previews

White Background



This preview shows how the RGB color 252, 196, 133 looks on a white background.

Color Contrast Check

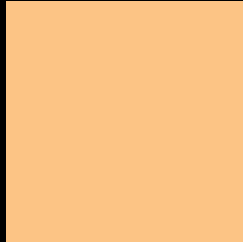
Large Text (above 18pt) WCAG AA × Fail

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, 196, 133 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, 196, 133 Background



This preview shows how black text looks on a background with the RGB color 252, 196, 133.



This preview shows how white text looks on a background with the RGB color 252, 196, 133.

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, 196, 133

Protanopia
224, 206, 137

Deuteranopia
249, 197, 133



Tritanopia
255, 189, 202

Trichromacy



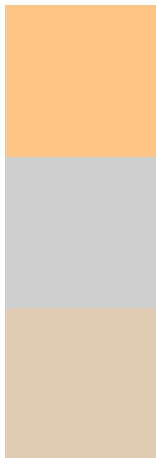
Original Color
252, 196, 133

Protanomaly
234, 202, 136

Deuteranomaly
250, 197, 133

Tritanomaly
254, 192, 177

Monochromacy



Original Color
252, 196, 133

Achromatopsia
206, 206, 206

Achromatomaly
223, 202, 179

CSS Examples

Text

The CSS property to change the color of the text to RGB 252, 196, 133 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, 196, 133)` looks like.

```
.text, #text, p{  
    color:rgb(252, 196, 133)  
}
```

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, 196, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 196, 133) }
```

Border

The CSS property to change the border of an element to RGB 252, 196, 133 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, 196, 133) }
```

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

```
.border{ border-color:rgb(252, 196, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 196, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(252, 196, 133); -webkit-box-shadow:4px 4px 4px 4px rgb(252, 196, 133); box-shadow:4px 4px 4px 4px rgb(252, 196, 133) }
```

Background

The CSS property to change the background color of an element to RGB 252, 196, 133 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 196, 133) }
```

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

```
.background{ background-color: rgb(252,  
196, 133) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor