

Converting Colors

RGB(252, 186, 104)

Have a look what the booklet for
RGB(252, 186, 104) contains.

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Color

RGB(252, 186, 104)

Conversions

Conversions Part 1

Format	Color
Hex	FCBA68
RGB	252, 186, 104
RGB Percent	99%, 73%, 41%
CMY	0.0118, 0.2706, 0.5922
CMYK	0.00, 0.26, 0.59, 0.01
HSL	33°, 96%, 70%
HSV	33°, 59%, 99%
XYZ	60.2025, 56.8127, 20.8896
YIQ	196.3860, 65.6580, -11.5100

Conversions

Conversions Part 2

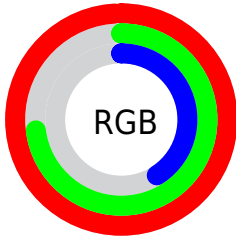
Format	Color
R _{YB}	223, 252, 104
Decimal	16562792
CIE Lab	80.07, 15.29, 50.29
CIE LCh	80, 52.566, 73.093
Yxy	56.8127, 0.4366, 0.4120
Android (android.graphics.Color)	4294752872 (0xFFFCBA68)
YUV	196.3860, -45.5463, 48.7735
Hunter-Lab	75.3742, 10.6656, 36.3300

Details

The RGB color **252, 186, 104** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **104, 170, 252**, and the grayscale version is **197, 197, 197**.

A 20% lighter version of the original color is **255, 242, 157**, and **192, 133, 53** is the 20% darker color. If you saturate the color by 10%, you get **252, 175, 79**, and if you desaturate by 10%, it is **252, 197, 129**.

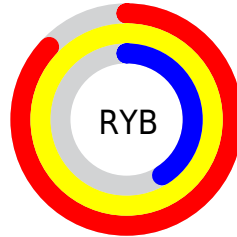
Distribution



Red (99%)

Green (73%)

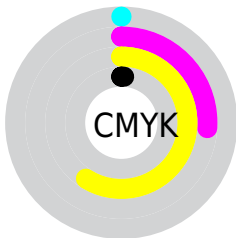
Blue (41%)



Red (87%)

Yellow (99%)

Blue (41%)

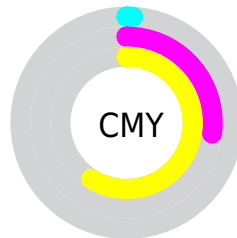


Cyan (0%)

Magenta (26%)

Yellow (59%)

Black (1%)



Cyan (1%)


Magenta (27%)


Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the RGB color 252, 186, 104 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, 186, 104 by changing the saturation by 10% instead.

 252, 186, 104

 252, 186, 104


255, 255, 255

 222, 159, 78

 255, 242, 157

 192, 133, 53

 255, 255, 185

 163, 108, 27

 255, 255, 213

 134, 83, 0

 255, 255, 242

 106, 60, 0

 78, 38, 0

 52, 18, 0

 29, 0, 1

 0, 0, 0

■ 252, 186, 104

■ 252, 186, 104

■ 252, 175, 79

■ 252, 197, 129

■ 252, 164, 54

■ 252, 208, 154

■ 252, 152, 28

■ 252, 220, 180

■ 252, 141, 3

■ 252, 231, 205

■ 252, 140, 0

■ 252, 242, 230

■ 252, 253, 255

■ 252, 255, 255

Harmonies

Analogous

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



255, 169, 134



252, 186, 104



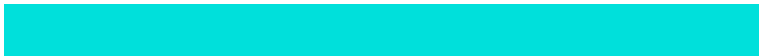
208, 203, 100

Triad

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



252, 186, 104



0, 224, 219



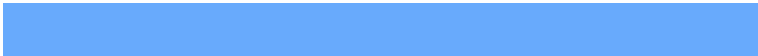
231, 177, 255

Complementary

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



252, 186, 104



104, 170, 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.



158, 196, 255



252, 186, 104



0, 221, 255

Square

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



252, 186, 104



81, 222, 168



19, 212, 255



255, 162, 228

Rectangle

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



252, 186, 104



173, 211, 114



19, 212, 255



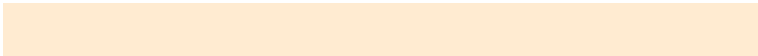
209, 184, 255

Sweetspot

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



252, 186, 104



255, 235, 209



252, 104, 171



128, 115, 99



0, 0, 0



128, 128, 128

Same Dimension

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



252, 186, 104



255, 175, 77



245, 252, 104



125, 119, 112



189, 105, 0



61, 34, 0

Inverse Universe

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



104, 170, 252



77, 156, 255



111, 104, 252



112, 118, 125



0, 84, 189



0, 27, 61

Previews

White Background



This preview shows how the RGB color 252, 186, 104 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, 186, 104 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, 186, 104 Background



This preview shows how black text looks on a background with the RGB color 252, 186, 104.



This preview shows how white text looks on a background with the RGB color 252, 186, 104.

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, 186, 104

Protanopia
219, 199, 108

Deuteranopia
244, 189, 103



Tritanopia
255, 178, 190

Trichromacy



Original Color

252, 186, 104

Protanomaly

231, 194, 107

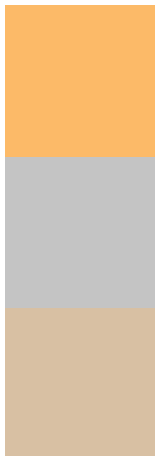
Deuteranomaly

247, 188, 103

Tritanomaly

254, 181, 159

Monochromacy



Original Color

252, 186, 104

Achromatopsia

196, 196, 196

Achromatomaly

216, 192, 163

CSS Examples

Text

The CSS property to change the color of the text to RGB 252, 186, 104 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, 186, 104)` looks like.

```
.text, #text, p{  
    color:rgb(252, 186, 104)  
}
```

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, 186, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 186, 104) }
```

Border

The CSS property to change the border of an element to RGB 252, 186, 104 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, 186, 104) }
```

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

```
.border{ border-color:rgb(252, 186, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 186, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 186, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 186, 104);  
box-shadow:4px 4px 4px 4px rgb(252, 186,  
104) }
```

Background

The CSS property to change the background color of an element to RGB 252, 186, 104 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 186, 104) }
```

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

```
.background{ background-color: rgb(252,  
186, 104) }
```

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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