

Converting Colors

RGB(204, 203, 118)

Have a look what the booklet for
RGB(204, 203, 118) contains.

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Color

RGB(204, 203, 118)

Conversions

Conversions Part 1

Format	Color
Hex	CCCB76
RGB	204, 203, 118
RGB Percent	80%, 80%, 46%
CMY	0.2000, 0.2039, 0.5373
CMYK	0.00, 0.00, 0.42, 0.20
HSL	59°, 46%, 63%
HSV	59°, 42%, 80%
XYZ	49.5278, 56.8572, 25.5037
YIQ	193.6090, 27.8810, -26.2230

Conversions

Conversions Part 2

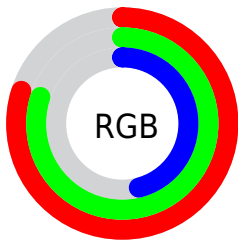
Format	Color
RYB	119, 204, 118
Decimal	13421430
CIELab	80.10, -11.87, 42.40
CIELCh	80, 44.033, 105.636
Yxy	56.8572, 0.3755, 0.4311
Android (android.graphics.Color)	4291611510 (0xFFCCCB76)
YUV	193.6090, -37.2752, 9.1129
Hunter-Lab	75.4037, -14.7116, 32.7291

Details

The RGB color **204, 203, 118** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **118, 119, 204**, and the grayscale version is **194, 194, 194**.

A 20% lighter version of the original color is **255, 255, 171**, and **148, 149, 67** is the 20% darker color. If you saturate the color by 10%, you get **204, 203, 98**, and if you desaturate by 10%, it is **204, 203, 138**.

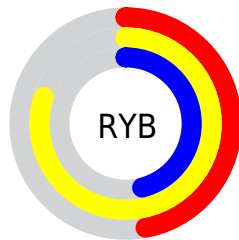
Distribution



Red (80%)

Green (80%)

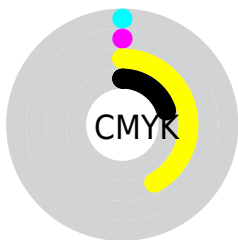
Blue (46%)



Red (47%)

Yellow (80%)

Blue (46%)

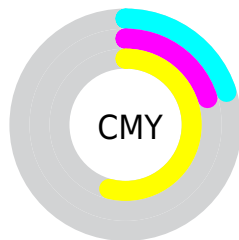


Cyan (0%)

Magenta (0%)

Yellow (42%)

Black (20%)



Cyan (20%)

Magenta (20%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the RGB color 204, 203, 118 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 204, 203, 118 by changing the saturation by 10% instead.

 204, 203, 118

255, 255, 255


 255, 255, 171


 255, 255, 199

 255, 255, 228

 204, 203, 118

 176, 176, 92


 148, 149, 67

 121, 123, 42

 95, 99, 16

 70, 75, 0

 46, 52, 0


 21, 31, 0

 0, 1, 0


 0, 0, 0

 204, 203, 118

 204, 203, 118

 204, 203, 98


 204, 203, 138

 204, 203, 77


 204, 203, 159

 204, 202, 57

 204, 204, 179

 204, 202, 36

 204, 204, 200

 204, 202, 16

 204, 204, 220

 204, 202, 0

 204, 204, 240

 204, 205, 255

 204, 205, 255

 204, 205, 255

Harmonies

Analogous

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



243, 189, 119



204, 203, 118



158, 213, 140

Triad

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



204, 203, 118



0, 217, 255



255, 169, 220

Complementary

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



204, 203, 118



118, 119, 204

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.



230, 180, 255



204, 203, 118



100, 209, 255

Square

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



204, 203, 118



30, 221, 219



174, 195, 255



255, 167, 178

Rectangle

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



204, 203, 118



123, 218, 163



174, 195, 255



255, 172, 233

Sweetspot

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



204, 203, 118



255, 255, 222



204, 118, 119



128, 127, 107



0, 0, 0



128, 128, 128

Same Dimension

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



204, 203, 118



255, 253, 125



162, 204, 118



102, 102, 92



166, 164, 0



38, 38, 0

Inverse Universe

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



118, 119, 204



125, 126, 255



160, 118, 204



92, 92, 102



0, 2, 166



0, 0, 38

Previews

White Background



This preview shows how the RGB color 204, 203, 118 looks on a white background.

Color Contrast Check

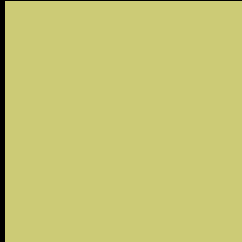
Large Text (above 18pt) WCAG AA × Fail

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 204, 203, 118 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

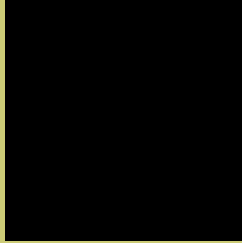
Any Text WCAG AA ✓ Pass

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 204, 203, 118 Background



This preview shows how black text looks on a background with the RGB color 204, 203, 118.

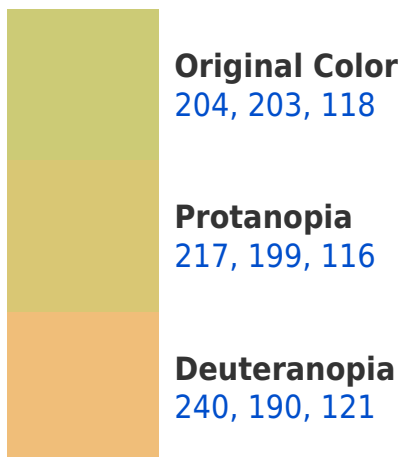



This preview shows how white text looks on a background with the RGB color 204, 203, 118.

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](#).

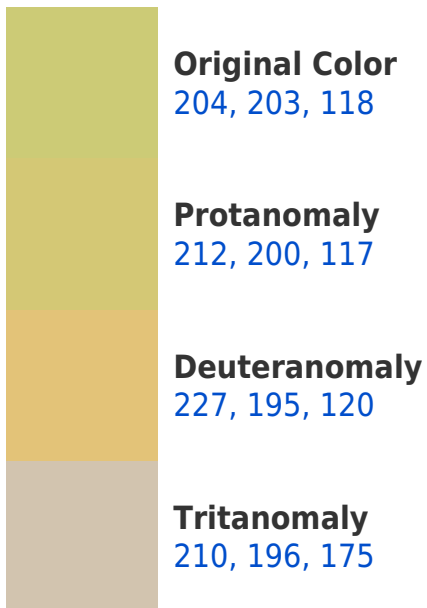
Dichromacy





Tritanopia
214, 192, 208

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to RGB 204, 203, 118 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(204, 203, 118)` looks like.

```
.text, #text, p{  
    color:rgb(204, 203, 118)  
}
```

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(204, 203, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 203, 118) }
```

Border

The CSS property to change the border of an element to RGB 204, 203, 118 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(204, 203, 118) }
```

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

```
.border{ border-color:rgb(204, 203, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 203, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 203, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 203, 118);  
box-shadow:4px 4px 4px 4px rgb(204, 203,  
118) }
```

Background

The CSS property to change the background color of an element to RGB 204, 203, 118 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 203, 118) }
```

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

```
.background{ background-color: rgb(204,  
203, 118) }
```

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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