

Converting Colors

RGB(188, 181, 102)

Have a look what the booklet for
RGB(188, 181, 102) contains.

RGB(188, 181, 102)	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(188, 181, 102)

Conversions

Conversions Part 1

Format	Color
Hex	BCB566
RGB	188, 181, 102
RGB Percent	74%, 71%, 40%
CMY	0.2627, 0.2902, 0.6000
CMYK	0.00, 0.04, 0.46, 0.26
HSL	55°, 39%, 57%
HSV	55°, 46%, 74%
XYZ	39.6612, 44.6984, 19.1077
YIQ	174.0870, 29.5310, -23.0850

Conversions

Conversions Part 2

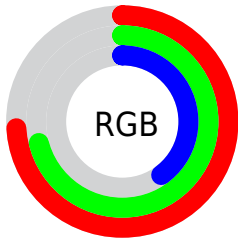
Format	Color
RYB	110, 188, 102
Decimal	12367206
CIELab	72.69, -8.66, 40.95
CIELCh	73, 41.852, 101.947
Yxy	44.6984, 0.3833, 0.4320
Android (android.graphics.Color)	4290557286 (0xFFBCB566)
YUV	174.0870, -35.5389, 12.2017
Hunter-Lab	66.8569, -11.1088, 29.8548

Details

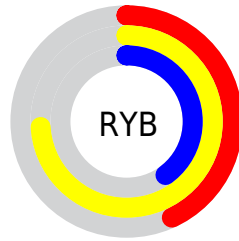
The RGB color **188, 181, 102** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **102, 109, 188**, and the grayscale version is **174, 174, 174**.

A 20% lighter version of the original color is **246, 237, 154**, and **133, 128, 52** is the 20% darker color. If you saturate the color by 10%, you get **188, 179, 83**, and if you desaturate by 10%, it is **188, 183, 121**.

Distribution



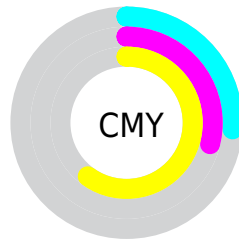
- Red (74%)
- Green (71%)
- Blue (40%)



- Red (43%)
- Yellow (74%)
- Blue (40%)



- Cyan (0%)
- Magenta (4%)
- Yellow (46%)
- Black (26%)



- Cyan (26%)
- Magenta (29%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the RGB color 188, 181, 102 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 188, 181, 102 by changing the saturation by 10% instead.

 188, 181, 102


255, 255, 255

 246, 237, 154

 255, 255, 182


 255, 255, 210


 255, 255, 238

 188, 181, 102

 160, 154, 77

 133, 128, 52

 106, 103, 27

 81, 79, 0


 57, 57, 0

 32, 35, 0

 0, 15, 0

 0, 0, 0

 188, 181, 102

 188, 181, 102

■ 188, 179, 83

■ 188, 183, 121

■ 188, 178, 64

■ 188, 184, 140

■ 188, 176, 46

■ 188, 186, 158

■ 188, 175, 27

■ 188, 187, 177

■ 188, 173, 8

■ 188, 189, 196

■ 188, 173, 0

■ 188, 190, 215

■ 188, 192, 234

■ 188, 193, 252

■ 188, 195, 255

Harmonies

Analogous

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



223, 168, 106



188, 181, 102



146, 191, 120

Triad

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



188, 181, 102



0, 196, 228



238, 151, 203

Complementary

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



188, 181, 102



102, 109, 188

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.



202, 163, 236



188, 181, 102



74, 189, 250

Square

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



188, 181, 102



19, 199, 193



147, 177, 253



252, 148, 164

Rectangle

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



188, 181, 102



114, 195, 141



147, 177, 253



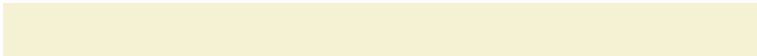
228, 154, 215

Sweetspot

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



188, 181, 102



245, 242, 211



188, 102, 109



122, 121, 102



250, 250, 250



122, 122, 122

Same Dimension

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



188, 181, 102



245, 234, 110



152, 188, 102



94, 94, 85



158, 145, 0



31, 28, 0

Inverse Universe

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



102, 109, 188



110, 121, 245



138, 102, 188



85, 86, 94



0, 13, 158



0, 2, 31

Previews

White Background



This preview shows how the RGB color 188, 181, 102 looks on a white background.

Color Contrast Check

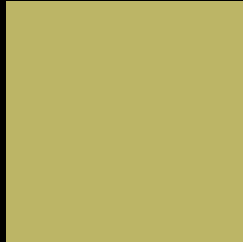
Large Text (above 18pt) WCAG AA × Fail

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 188, 181, 102 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

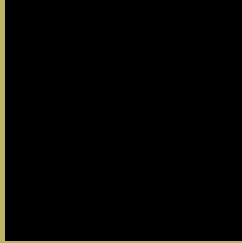
Any Text WCAG AA ✓ Pass

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 188, 181, 102 Background



This preview shows how black text looks on a background with the RGB color 188, 181, 102.



This preview shows how white text looks on a background with the RGB color 188, 181, 102.

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

188, 181, 102

Protanopia

196, 178, 101

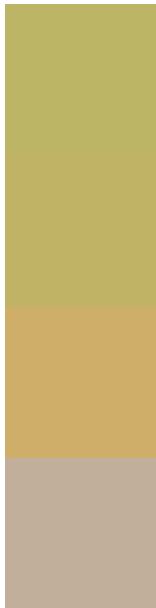
Deuteranopia

217, 170, 105



Tritanopia
197, 171, 185

Trichromacy



Original Color
188, 181, 102

Protanomaly
193, 179, 101

Deuteranomaly
206, 174, 104

Tritanomaly
194, 175, 155

Monochromacy



Original Color
188, 181, 102

Achromatopsia
174, 174, 174

Achromatomaly
179, 177, 148

CSS Examples

Text

The CSS property to change the color of the text to RGB 188, 181, 102 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(188, 181, 102)` looks like.

```
.text, #text, p{  
    color:rgb(188, 181, 102)  
}
```

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(188, 181, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 181, 102) }
```

Border

The CSS property to change the border of an element to RGB 188, 181, 102 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(188, 181, 102) }
```

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

```
.border{ border-color:rgb(188, 181, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 181, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 181, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 181, 102);  
box-shadow:4px 4px 4px 4px rgb(188, 181,  
102) }
```

Background

The CSS property to change the background color of an element to RGB 188, 181, 102 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 181, 102) }
```

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

```
.background{ background-color: rgb(188,  
181, 102) }
```

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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