

Converting Colors

RGB(189, 193, 118)

Have a look what the booklet for
RGB(189, 193, 118) contains.

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Color

RGB(189, 193, 118)

Conversions

Conversions Part 1

Format	Color
Hex	BDC176
RGB	189, 193, 118
RGB Percent	74%, 76%, 46%
CMY	0.2588, 0.2431, 0.5373
CMYK	0.02, 0.00, 0.39, 0.24
HSL	63°, 38%, 61%
HSV	63°, 39%, 76%
XYZ	43.3262, 50.2668, 24.5585
YIQ	183.2540, 21.6910, -24.1730

Conversions

Conversions Part 2

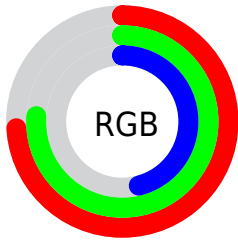
Format	Color
RYB	118, 193, 122
Decimal	12435830
CIELab	76.23, -12.75, 37.28
CIELCh	76, 39.399, 108.881
Yxy	50.2668, 0.3667, 0.4254
Android (android.graphics.Color)	4290625910 (0xFFBDC176)
YUV	183.2540, -32.1702, 5.0392
Hunter-Lab	70.8990, -14.9924, 29.0921

Details

The RGB color **189, 193, 118** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **122, 118, 193**, and the grayscale version is **184, 184, 184**.

A 20% lighter version of the original color is **246, 249, 171**, and **134, 140, 68** is the 20% darker color. If you saturate the color by 10%, you get **188, 193, 99**, and if you desaturate by 10%, it is **190, 193, 137**.

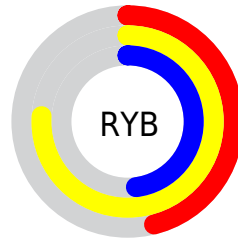
Distribution



Red (74%)

Green (76%)

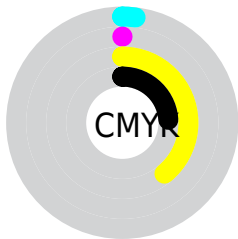
Blue (46%)



Red (46%)

Yellow (76%)

Blue (48%)

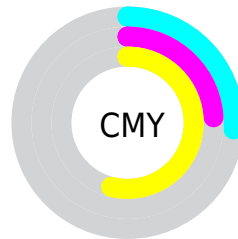


Cyan (2%)

Magenta (0%)

Yellow (39%)

Black (24%)



Cyan (26%)

Magenta (24%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the RGB color 189, 193, 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 189, 193, 118 by changing the saturation by 10% instead.

 189, 193, 118


255, 255, 255

 246, 249, 171


 255, 255, 199

 255, 255, 227

 189, 193, 118

 161, 166, 93

 134, 140, 68

 108, 114, 44

 83, 90, 19

 58, 66, 0


 35, 44, 0


 2, 25, 0

 0, 0, 0


 189, 193, 118

 189, 193, 118

 188, 193, 99

 190, 193, 137

 187, 193, 79

 191, 193, 157

 186, 193, 60

 192, 193, 176

 185, 193, 41

 193, 193, 195

 184, 193, 22

 194, 193, 214

 183, 193, 2

 195, 193, 234

 183, 193, 0

 196, 193, 253

 197, 193, 255

 198, 193, 255

Harmonies

Analogous

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



224, 181, 117



189, 193, 118



148, 202, 139

Triad

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



189, 193, 118



53, 204, 242



250, 161, 203

Complementary

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



189, 193, 118



122, 118, 193

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.



221, 170, 236



189, 193, 118



113, 196, 255

Square

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



189, 193, 118



53, 207, 210



173, 184, 255



255, 161, 166

Rectangle

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



189, 193, 118



117, 206, 161



173, 184, 255



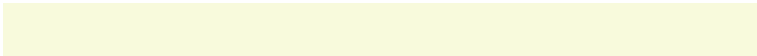
243, 163, 215

Sweetspot

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



189, 193, 118



248, 250, 220



193, 122, 118



124, 125, 107



252, 252, 252



125, 125, 125

Same Dimension

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



189, 193, 118



244, 250, 132



152, 193, 118



96, 97, 87



152, 161, 0



31, 33, 0

Inverse Universe

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



122, 118, 193



139, 132, 250



159, 118, 193



88, 87, 97



9, 0, 161



2, 0, 33

Previews

White Background



This preview shows how the RGB color 189, 193, 118 looks on a white background.

Color Contrast Check

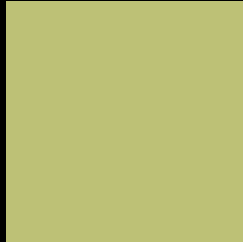
Large Text (above 18pt) WCAG AA × Fail

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 189, 193, 118 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

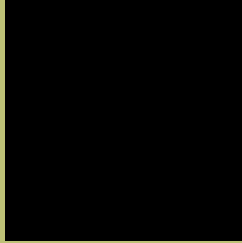
Any Text WCAG AA ✓ Pass

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 189, 193, 118 Background



This preview shows how black text looks on a background with the RGB color 189, 193, 118.



This preview shows how white text looks on a background with the RGB color 189, 193, 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



Original Color
189, 193, 118

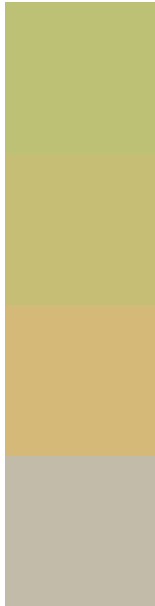
Protanopia
205, 188, 116

Deuteranopia
226, 180, 121



Tritanopia
198, 183, 198

Trichromacy



Original Color
189, 193, 118

Protanomaly
199, 190, 117

Deuteranomaly
213, 185, 120

Tritanomaly
195, 187, 169

Monochromacy



Original Color
189, 193, 118

Achromatopsia
183, 183, 183

Achromatomaly
185, 187, 159

CSS Examples

Text

The CSS property to change the color of the text to RGB 189, 193, 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(189, 193, 118)` looks like.

```
.text, #text, p{  
    color:rgb(189, 193, 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(189, 193, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 193, 118) }
```

Border

The CSS property to change the border of an element to RGB 189, 193, 118 is called "border". The border property can be set on classes, ids or directly on the HTML element.

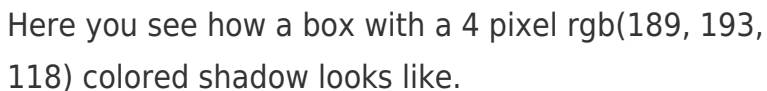
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(189, 193, 118) }
```

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

```
.border{ border-color:rgb(189, 193, 118) }
```

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



Here you see how a box with a 4 pixel `rgb(189, 193, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(189, 193, 118); -webkit-box-shadow:4px 4px 4px 4px rgb(189, 193, 118); box-shadow:4px 4px 4px 4px rgb(189, 193, 118) }
```

Background

The CSS property to change the background color of an element to RGB 189, 193, 118 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 193, 118) }
```

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

```
.background{ background-color: rgb(189,  
193, 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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