

Converting Colors

RGB(180, 188, 121)

Have a look what the booklet for
RGB(180, 188, 121) contains.

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Color

RGB(180, 188, 121)

Conversions

Conversions Part 1

Format	Color
Hex	B4BC79
RGB	180, 188, 121
RGB Percent	71%, 74%, 47%
CMY	0.2941, 0.2627, 0.5255
CMYK	0.04, 0.00, 0.36, 0.26
HSL	67°, 33%, 61%
HSV	67°, 36%, 74%
XYZ	40.2568, 47.0502, 25.0490
YIQ	177.9700, 16.7390, -22.5330

Conversions

Conversions Part 2

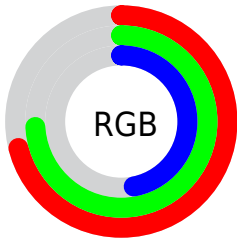
Format	Color
RYB	121, 188, 129
Decimal	11844729
CIELab	74.22, -13.39, 33.01
CIELCh	74, 35.620, 112.085
Yxy	47.0502, 0.3583, 0.4188
Android (android.graphics.Color)	4290034809 (0xFFB4BC79)
YUV	177.9700, -28.0862, 1.7803
Hunter-Lab	68.5932, -15.2777, 26.3636

Details

The RGB color **180, 188, 121** is a light color, and the websafe version is hex **C4C499**. A complement of this color would be **129, 121, 188**, and the grayscale version is **178, 178, 178**.

A 20% lighter version of the original color is **237, 244, 174**, and **126, 135, 71** is the 20% darker color. If you saturate the color by 10%, you get **178, 188, 102**, and if you desaturate by 10%, it is **182, 188, 140**.

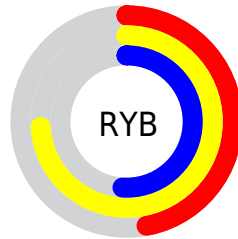
Distribution



Red (71%)

Green (74%)

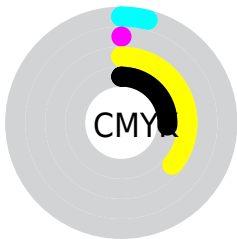
Blue (47%)



Red (47%)

Yellow (74%)

Blue (51%)

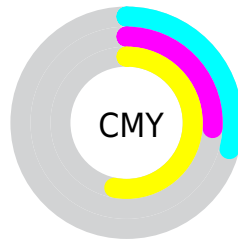


Cyan (4%)

Magenta (0%)

Yellow (36%)

Black (26%)



Cyan (29%)


Magenta (26%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the RGB color 180, 188, 121 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 180, 188, 121 by changing the saturation by 10% instead.


 180, 188, 121

255, 255, 255

 237, 244, 174

 255, 255, 202

 255, 255, 230

 180, 188, 121

 153, 161, 96

 126, 135, 71

 100, 110, 47


 75, 85, 24


 52, 62, 0


 29, 40, 0


 0, 21, 0


 0, 0, 0

 180, 188, 121


 180, 188, 121

 178, 188, 102


 182, 188, 140

 176, 188, 83


 184, 188, 159


 173, 188, 65

 187, 188, 177

 171, 188, 46

 189, 188, 196

 169, 188, 27

 191, 188, 215


 167, 188, 8

 193, 188, 234

 166, 188, 0

 196, 188, 253

 198, 188, 255

 200, 188, 255

Harmonies

Analogous

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



213, 178, 118



180, 188, 121



142, 196, 141

Triad

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



180, 188, 121



77, 196, 233



241, 158, 193

Complementary

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



180, 188, 121



129, 121, 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.



216, 166, 223



180, 188, 121



124, 188, 247

Square

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



180, 188, 121



69, 200, 206



174, 177, 243



247, 159, 160

Rectangle

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



180, 188, 121



116, 199, 161



174, 177, 243



234, 160, 203

Sweetspot

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



180, 188, 121



242, 245, 218



188, 129, 121



121, 122, 106



250, 250, 250



122, 122, 122

Same Dimension

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



180, 188, 121



232, 245, 140



147, 188, 121



93, 94, 85



139, 158, 0



27, 31, 0

Inverse Universe

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



129, 121, 188



152, 140, 245



162, 121, 188



86, 85, 94



19, 0, 158



4, 0, 31

Previews

White Background



This preview shows how the RGB color 180, 188, 121 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 180, 188, 121 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

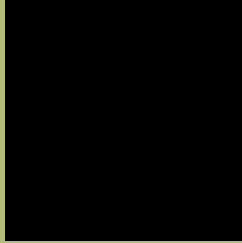
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

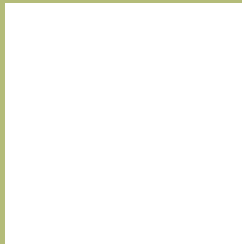
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RGB 180, 188, 121 Background



This preview shows how black text looks on a background with the RGB color 180, 188, 121.



This preview shows how white text looks on a background with the RGB color 180, 188, 121.

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
180, 188, 121

Protanopia
198, 182, 119

Deuteranopia
218, 174, 124



Tritanopia
189, 179, 193

Trichromacy



Original Color
180, 188, 121

Protanomaly
191, 184, 120

Deuteranomaly
204, 179, 123

Tritanomaly
186, 182, 167

Monochromacy



Original Color
180, 188, 121

Achromatopsia
178, 178, 178

Achromatomaly
179, 182, 157

CSS Examples

Text

The CSS property to change the color of the text to RGB 180, 188, 121 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(180, 188, 121)` looks like.

```
.text, #text, p{  
    color:rgb(180, 188, 121)  
}
```

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(180, 188, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 188, 121) }
```

Border

The CSS property to change the border of an element to RGB 180, 188, 121 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(180, 188, 121) }
```

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

```
.border{ border-color:rgb(180, 188, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 188, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 188, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 188, 121);  
box-shadow:4px 4px 4px 4px rgb(180, 188,  
121) }
```

Background

The CSS property to change the background color of an element to RGB 180, 188, 121 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 188, 121) }
```

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

```
.background{ background-color: rgb(180,  
188, 121) }
```

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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