

# Converting Colors

RGB(180, 187, 127)

Have a look what the booklet for  
RGB(180, 187, 127) contains.

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# **Color**

**RGB(180, 187, 127)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B4BB7F
RGB	180, 187, 127
RGB Percent	71%, 73%, 50%
CMY	0.2941, 0.2667, 0.5020
CMYK	0.04, 0.00, 0.32, 0.27
HSL	67°, 31%, 62%
HSV	67°, 32%, 73%
XYZ	40.4235, 46.7763, 26.9768
YIQ	178.0670, 15.0880, -20.1440

# Conversions

## Conversions Part 2

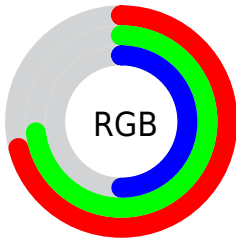
<b>Format</b>	<b>Color</b>
<b>RYB</b>	127, 187, 134
Decimal	11844479
CIELab	74.05, -12.12, 29.64
CIELCh	74, 32.020, 112.240
Yxy	46.7763, 0.3540, 0.4097
Android (android.graphics.Color)	4290034559 (0xFFB4BB7F)
YUV	178.0670, -25.1760, 1.6952
Hunter-Lab	68.3932, -14.1864, 24.4890

# Details

The RGB color **180, 187, 127** is a light color, and the websafe version is hex **C9C999**. A complement of this color would be **134, 127, 187**, and the grayscale version is **178, 178, 178**.

A 20% lighter version of the original color is **236, 243, 180**, and **126, 134, 77** is the 20% darker color. If you saturate the color by 10%, you get **178, 187, 108**, and if you desaturate by 10%, it is **182, 187, 146**.

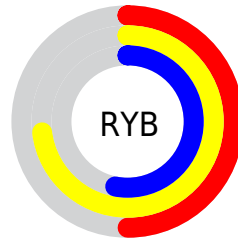
# Distribution



Red (71%)

Green (73%)

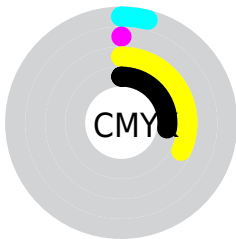
Blue (50%)



Red (50%)

Yellow (73%)

Blue (53%)

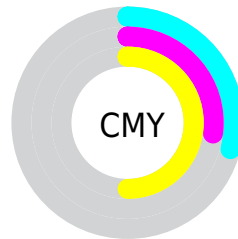


Cyan (4%)

Magenta (0%)

Yellow (32%)

Black (27%)



Cyan (29%)

Magenta (27%)


Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the RGB color 180, 187, 127 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, 187, 127 by changing the saturation by 10% instead.




 180, 187, 127

255, 255, 255

 236, 243, 180


 255, 255, 208

 255, 255, 236

 180, 187, 127

 153, 160, 102

 126, 134, 77

 101, 109, 53


 76, 84, 31


 52, 61, 7

 30, 39, 0

 0, 20, 0

 0, 0, 0

 180, 187, 127

 180, 187, 127

178, 187, 108

182, 187, 146

176, 187, 90

184, 187, 164

173, 187, 71

187, 187, 183

171, 187, 52

189, 187, 202

169, 187, 34

191, 187, 220

167, 187, 15

193, 187, 239

165, 187, 0

195, 187, 255

197, 187, 255

200, 187, 255

# Harmonies

## Analogous

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



210, 178, 124



180, 187, 127



146, 194, 145

# Triad

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



180, 187, 127



95, 194, 228



235, 161, 191

# Complementary

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



180, 187, 127



134, 127, 187

# 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.



212, 167, 218



180, 187, 127



132, 187, 240

# Square

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



180, 187, 127



88, 198, 203



176, 177, 236



241, 161, 161

# Rectangle

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



180, 187, 127



123, 197, 163



176, 177, 236



229, 162, 201



# Sweetspot

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



180, 187, 127



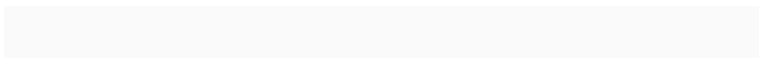
239, 242, 218



187, 134, 127



121, 122, 108



250, 250, 250



122, 122, 122



# Same Dimension

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



180, 187, 127



231, 242, 148



151, 187, 127



93, 94, 85



140, 158, 0



27, 31, 0



# Inverse Universe

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



134, 127, 187



159, 148, 242



164, 127, 187



86, 85, 94



18, 0, 158



4, 0, 31



# Previews

## White Background



This preview shows how the RGB color 180, 187, 127 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, 187, 127 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

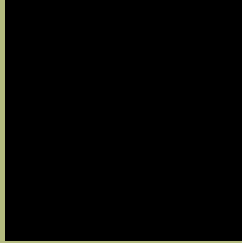
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## RGB 180, 187, 127 Background



This preview shows how black text looks on a background with the RGB color 180, 187, 127.



This preview shows how white text looks on a background with the RGB color 180, 187, 127.

# 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, 187, 127

**Protanopia**  
197, 182, 125

**Deuteranopia**  
216, 174, 130



**Tritanopia**  
188, 179, 193

# Trichromacy



**Original Color**  
180, 187, 127

**Protanomaly**  
191, 184, 126

**Deuteranomaly**  
203, 179, 129

**Tritanomaly**  
185, 182, 169

# Monochromacy



**Original Color**  
180, 187, 127

**Achromatopsia**  
178, 178, 178

**Achromatomaly**  
179, 181, 159

# CSS Examples

## Text

The CSS property to change the color of the text to RGB 180, 187, 127 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, 187, 127)` looks like.

```
.text, #text, p{  
    color:rgb(180, 187, 127)  
}
```

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, 187, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 187, 127) }
```

## Border

The CSS property to change the border of an element to RGB 180, 187, 127 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, 187, 127) }
```

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

```
.border{ border-color:rgb(180, 187, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 187, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 187, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 187, 127);  
box-shadow:4px 4px 4px 4px rgb(180, 187,  
127) }
```

# Background

The CSS property to change the background color of an element to RGB 180, 187, 127 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 187, 127) }
```

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

```
.background{ background-color: rgb(180,  
187, 127) }
```

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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