

Converting Colors

RGB(107, 199, 136)

Have a look what the booklet for
RGB(107, 199, 136) contains.

RGB(107, 199, 136)	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(107, 199, 136)

Conversions

Conversions Part 1

Format	Color
Hex	6BC788
RGB	107, 199, 136
RGB Percent	42%, 78%, 53%
CMY	0.5804, 0.2196, 0.4667
CMYK	0.46, 0.00, 0.32, 0.22
HSL	139°, 45%, 60%
HSV	139°, 46%, 78%
XYZ	30.9308, 45.7502, 30.4930
YIQ	164.3100, -34.6090, -39.0970

Conversions

Conversions Part 2

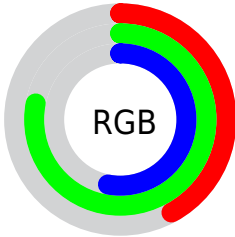
Format	Color
RYB	107, 177, 199
Decimal	7063432
CIELab	73.38, -41.35, 23.26
CIELCh	73, 47.446, 150.647
Yxy	45.7502, 0.2886, 0.4269
Android (android.graphics.Color)	4285253512 (0xFF6BC788)
YUV	164.3100, -13.9568, -50.2609
Hunter-Lab	67.6389, -36.7414, 20.6181

Details

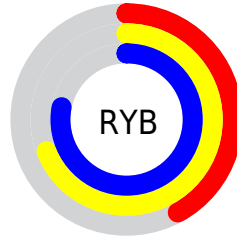
The RGB color **107, 199, 136** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **199, 107, 170**, and the grayscale version is **164, 164, 164**.

A 20% lighter version of the original color is **163, 255, 190**, and **50, 144, 86** is the 20% darker color. If you saturate the color by 10%, you get **87, 199, 122**, and if you desaturate by 10%, it is **127, 199, 150**.

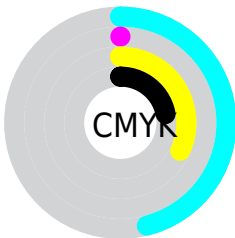
Distribution



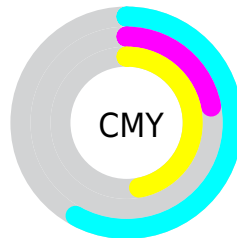
- Red (42%)
- Green (78%)
- Blue (53%)



- Red (42%)
- Yellow (69%)
- Blue (78%)



- Cyan (46%)
- Magenta (0%)
- Yellow (32%)
- Black (22%)




- Cyan (58%)
- Magenta (22%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the RGB color 107, 199, 136 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 107, 199, 136 by changing the saturation by 10% instead.

 107, 199, 136

255, 255, 255


 163, 255, 190


 191, 255, 218


 220, 255, 246

 250, 255, 255

 107, 199, 136

 79, 171, 110

 50, 144, 86

 12, 118, 62


 0, 93, 39


 0, 68, 17


 0, 45, 0

 0, 20, 0


 0, 0, 0

 107, 199, 136

 107, 199, 136


 87, 199, 122

 127, 199, 150

 67, 199, 109


 147, 199, 163

 47, 199, 95


 167, 199, 177

 27, 199, 81

 187, 199, 191

 8, 199, 68

 207, 199, 204

 0, 199, 63

 226, 199, 218

 246, 199, 231

 255, 199, 245

 255, 199, 255

Harmonies

Analogous

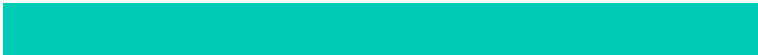
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



161, 191, 103



107, 199, 136



0, 203, 180

Triad

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



107, 199, 136



110, 184, 255



255, 149, 138

Complementary

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



107, 199, 136



199, 107, 170

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.



255, 145, 181



107, 199, 136



185, 169, 255

Square

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



107, 199, 136



0, 196, 255



235, 153, 224



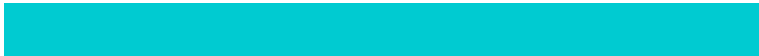
241, 163, 105

Rectangle

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



107, 199, 136



0, 203, 209



235, 153, 224



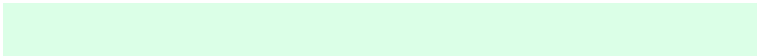
255, 146, 152

Sweetspot

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



107, 199, 136



219, 255, 231



171, 199, 107



106, 128, 113



0, 0, 0



128, 128, 128

Same Dimension

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



107, 199, 136



115, 255, 159



107, 199, 181



90, 99, 93



0, 163, 51



0, 36, 11

Inverse Universe

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



199, 107, 170



255, 115, 211



199, 107, 125



99, 90, 96



163, 0, 112



36, 0, 24

Previews

White Background



This preview shows how the RGB color 107, 199, 136 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 107, 199, 136 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

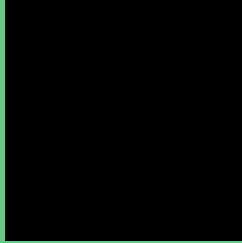
Any Text WCAG AA ✓ Pass

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 107, 199, 136 Background



This preview shows how black text looks on a background with the RGB color 107, 199, 136.

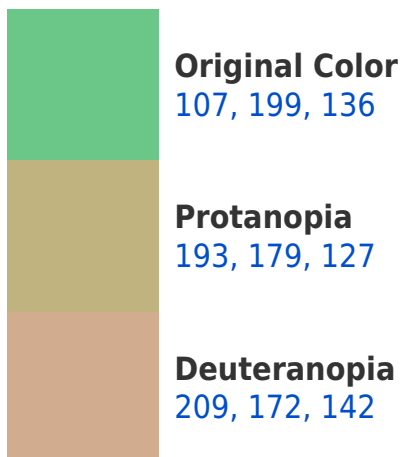


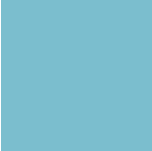
This preview shows how white text looks on a background with the RGB color 107, 199, 136.

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
123, 190, 206

Trichromacy



Original Color

107, 199, 136



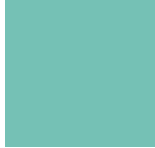
Protanomaly

162, 186, 130



Deuteranomaly

172, 182, 140



Tritanomaly

117, 193, 181

Monochromacy



Original Color

107, 199, 136



Achromatopsia

164, 164, 164



Achromatomaly

143, 177, 154

CSS Examples

Text

The CSS property to change the color of the text to RGB 107, 199, 136 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(107, 199, 136)` looks like.

```
.text, #text, p{  
    color:rgb(107, 199, 136)  
}
```

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(107, 199, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 199, 136) }
```

Border

The CSS property to change the border of an element to RGB 107, 199, 136 is called "border". The border property can be set on classes, ids or directly on the HTML element.

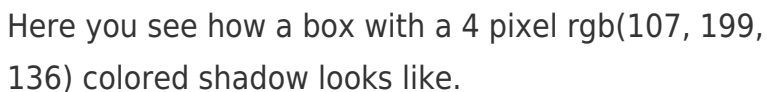
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(107, 199, 136) }
```

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

```
.border{ border-color:rgb(107, 199, 136) }
```

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



Here you see how a box with a 4 pixel `rgb(107, 199, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(107, 199, 136); -webkit-box-shadow:4px 4px 4px 4px rgb(107, 199, 136); box-shadow:4px 4px 4px 4px rgb(107, 199, 136) }
```

Background

The CSS property to change the background color of an element to RGB 107, 199, 136 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 199, 136) }
```

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

```
.background{ background-color: rgb(107,  
199, 136) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor