

Converting Colors

RGB(109, 197, 132)

Have a look what the booklet for
RGB(109, 197, 132) contains.

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Color

RGB(109, 197, 132)

Conversions

Conversions Part 1

Format	Color
Hex	6DC584
RGB	109, 197, 132
RGB Percent	43%, 77%, 52%
CMY	0.5725, 0.2275, 0.4824
CMYK	0.45, 0.00, 0.33, 0.23
HSL	136°, 43%, 60%
HSV	136°, 45%, 77%
XYZ	30.4378, 44.8497, 28.8824
YIQ	163.2780, -31.5830, -38.8710

Conversions

Conversions Part 2

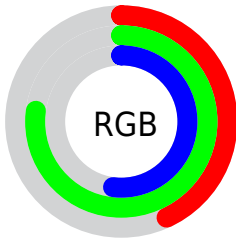
Format	Color
RYB	109, 179, 197
Decimal	7193988
CIELab	72.79, -40.65, 24.59
CIELCh	73, 47.504, 148.832
Yxy	44.8497, 0.2922, 0.4305
Android (android.graphics.Color)	4285384068 (0xFF6DC584)
YUV	163.2780, -15.4201, -47.6018
Hunter-Lab	66.9699, -36.0691, 21.3087

Details

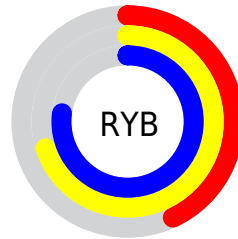
The RGB color **109, 197, 132** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **197, 109, 174**, and the grayscale version is **163, 163, 163**.

A 20% lighter version of the original color is **165, 254, 185**, and **53, 142, 82** is the 20% darker color. If you saturate the color by 10%, you get **89, 197, 117**, and if you desaturate by 10%, it is **129, 197, 147**.

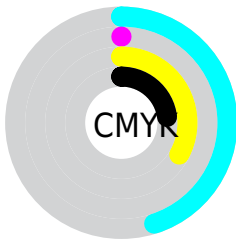
Distribution



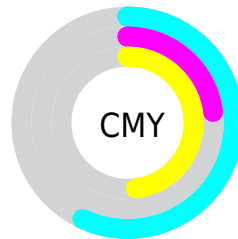
- Red (43%)
- Green (77%)
- Blue (52%)



- Red (43%)
- Yellow (70%)
- Blue (77%)



- Cyan (45%)
- Magenta (0%)
- Yellow (33%)
- Black (23%)



- Cyan (57%)
- Magenta (23%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the RGB color 109, 197, 132 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 109, 197, 132 by changing the saturation by 10% instead.

 109, 197, 132

255, 255, 255


 165, 254, 185

 193, 255, 213

 222, 255, 242

 251, 255, 255

 109, 197, 132

 81, 169, 106

 53, 142, 82

 19, 116, 58

 0, 91, 36


 0, 67, 13


 0, 44, 0

 0, 17, 0


 0, 0, 0


 109, 197, 132


 109, 197, 132


 89, 197, 117


 129, 197, 147

 70, 197, 103


 148, 197, 161

 50, 197, 88


 168, 197, 176

 30, 197, 74

 188, 197, 190

 11, 197, 59

 208, 197, 205

 0, 197, 51

 227, 197, 219

 247, 197, 234

 255, 197, 248

 255, 197, 255

Harmonies

Analogous

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



163, 189, 100



109, 197, 132



0, 201, 175

Triad

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



109, 197, 132



102, 184, 255



255, 147, 139

Complementary

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



109, 197, 132



197, 109, 174

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, 143, 182



109, 197, 132



180, 168, 255

Square

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



109, 197, 132



0, 195, 252



231, 152, 224



241, 160, 105

Rectangle

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



109, 197, 132



0, 201, 205



231, 152, 224



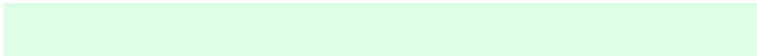
255, 144, 153

Sweetspot

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



109, 197, 132



222, 255, 231



175, 197, 109



107, 128, 112



0, 0, 0



128, 128, 128

Same Dimension

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



109, 197, 132



117, 255, 153



109, 197, 175



90, 99, 92



0, 163, 43



0, 36, 9

Inverse Universe

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



197, 109, 174



255, 117, 219



197, 109, 131



99, 90, 97



163, 0, 121



36, 0, 26

Previews

White Background



This preview shows how the RGB color 109, 197, 132 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 109, 197, 132 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

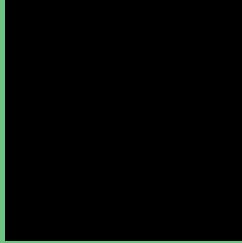
Any Text WCAG AA ✓ Pass

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 109, 197, 132 Background



This preview shows how black text looks on a background with the RGB color 109, 197, 132.

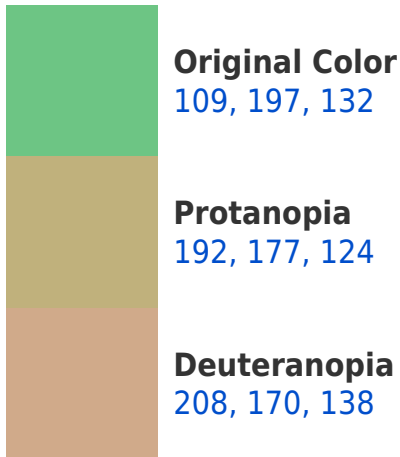


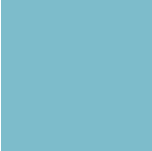
This preview shows how white text looks on a background with the RGB color 109, 197, 132.

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
125, 188, 203

Trichromacy



Original Color

109, 197, 132



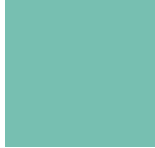
Protanomaly

162, 184, 127



Deuteranomaly

172, 180, 136



Tritanomaly

119, 191, 177

Monochromacy



Original Color

109, 197, 132



Achromatopsia

163, 163, 163



Achromatomaly

143, 175, 152

CSS Examples

Text

The CSS property to change the color of the text to RGB 109, 197, 132 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(109, 197, 132)` looks like.

```
.text, #text, p{  
    color:rgb(109, 197, 132)  
}
```

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(109, 197, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 197, 132) }
```

Border

The CSS property to change the border of an element to RGB 109, 197, 132 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(109, 197, 132) }
```

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

```
.border{ border-color:rgb(109, 197, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 197, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 197, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 197, 132);  
box-shadow:4px 4px 4px 4px rgb(109, 197,  
132) }
```

Background

The CSS property to change the background color of an element to RGB 109, 197, 132 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 197, 132) }
```

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

```
.background{ background-color: rgb(109,  
197, 132) }
```

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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