

Converting Colors

RGB(127, 201, 109)

Have a look what the booklet for
RGB(127, 201, 109) contains.

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Color

RGB(127, 201, 109)

Conversions

Conversions Part 1

Format	Color
Hex	7FC96D
RGB	127, 201, 109
RGB Percent	50%, 79%, 43%
CMY	0.5020, 0.2118, 0.5725
CMYK	0.37, 0.00, 0.46, 0.21
HSL	108°, 46%, 61%
HSV	108°, 46%, 79%
XYZ	32.3994, 47.3894, 21.9075
YIQ	168.3860, -14.5720, -44.3000

Conversions

Conversions Part 2

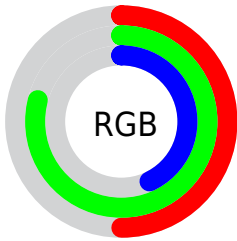
Format	Color
RYB	109, 201, 183
Decimal	8374637
CIELab	74.44, -40.54, 38.73
CIELCh	74, 56.072, 136.308
Yxy	47.3894, 0.3186, 0.4660
Android (android.graphics.Color)	4286564717 (0xFF7FC96D)
YUV	168.3860, -29.2773, -36.2955
Hunter-Lab	68.8400, -36.4594, 29.3197

Details

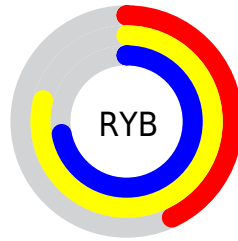
The RGB color **127, 201, 109** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **183, 109, 201**, and the grayscale version is **169, 169, 169**.

A 20% lighter version of the original color is **183, 255, 162**, and **73, 146, 59** is the 20% darker color. If you saturate the color by 10%, you get **111, 201, 89**, and if you desaturate by 10%, it is **143, 201, 129**.

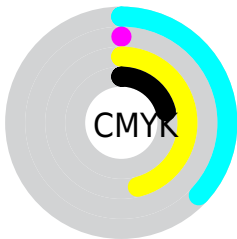
Distribution



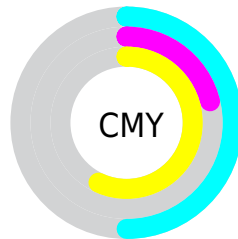
- Red (50%)
- Green (79%)
- Blue (43%)



- Red (43%)
- Yellow (79%)
- Blue (72%)



- Cyan (37%)
- Magenta (0%)
- Yellow (46%)
- Black (21%)



- Cyan (50%)
- Magenta (21%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the RGB color 127, 201, 109 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 127, 201, 109 by changing the saturation by 10% instead.

 127, 201, 109

255, 255, 255


 183, 255, 162

 211, 255, 189

 240, 255, 218

 255, 255, 246

 127, 201, 109

 100, 173, 84

 73, 146, 59

 45, 120, 34

 8, 95, 6

 0, 70, 0

 0, 47, 0

 0, 24, 0

 0, 0, 0

 127, 201, 109

 127, 201, 109

■ 111, 201, 89

■ 143, 201, 129

■ 95, 201, 69

■ 159, 201, 149

■ 78, 201, 49

■ 176, 201, 169

■ 62, 201, 29

■ 192, 201, 189

■ 46, 201, 8

■ 208, 201, 210

■ 39, 201, 0

■ 224, 201, 230

■ 240, 201, 250

■ 255, 201, 255

Harmonies

Analogous

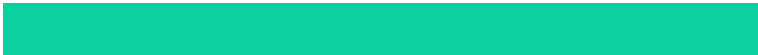
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



186, 189, 79



127, 201, 109



12, 208, 157

Triad

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



127, 201, 109



0, 195, 255



255, 140, 157

Complementary

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



127, 201, 109



183, 109, 201

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, 142, 209



127, 201, 109



146, 179, 255

Square

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



127, 201, 109



0, 205, 255



223, 158, 255



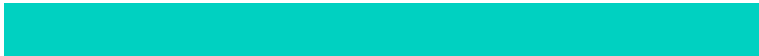
255, 153, 111

Rectangle

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



127, 201, 109



0, 209, 193



223, 158, 255



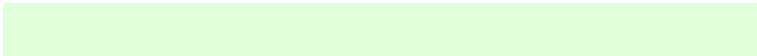
255, 139, 174

Sweetspot

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



127, 201, 109



226, 255, 219



201, 183, 109



110, 128, 106



0, 0, 0



128, 128, 128

Same Dimension

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



127, 201, 109



142, 255, 115



109, 201, 137



91, 99, 90



32, 163, 0



7, 36, 0

Inverse Universe

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



183, 109, 201



228, 115, 255



201, 109, 173



98, 90, 99



131, 0, 163



29, 0, 36

Previews

White Background



This preview shows how the RGB color 127, 201, 109 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 127, 201, 109 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 127, 201, 109 Background



This preview shows how black text looks on a background with the RGB color 127, 201, 109.

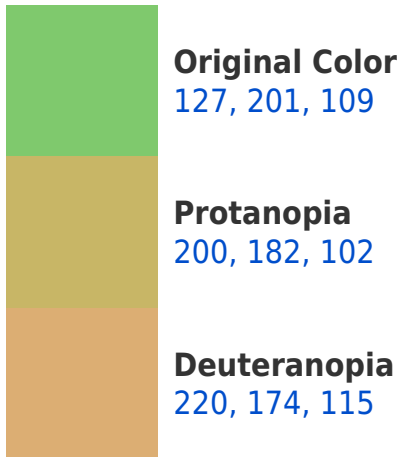


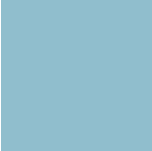
This preview shows how white text looks on a background with the RGB color 127, 201, 109.

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
144, 190, 205

Trichromacy



Original Color

127, 201, 109



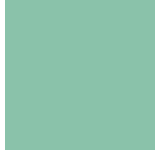
Protanomaly

173, 189, 105



Deuteranomaly

186, 184, 113



Tritanomaly

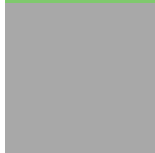
138, 194, 170

Monochromacy



Original Color

127, 201, 109



Achromatopsia

168, 168, 168



Achromatomaly

153, 180, 147

CSS Examples

Text

The CSS property to change the color of the text to RGB 127, 201, 109 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(127, 201, 109)` looks like.

```
.text, #text, p{  
    color:rgb(127, 201, 109)  
}
```

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(127, 201, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 201, 109) }
```

Border

The CSS property to change the border of an element to RGB 127, 201, 109 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(127, 201, 109) }
```

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

```
.border{ border-color:rgb(127, 201, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 201, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 201, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 201, 109);  
box-shadow:4px 4px 4px 4px rgb(127, 201,  
109) }
```

Background

The CSS property to change the background color of an element to RGB 127, 201, 109 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 201, 109) }
```

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

```
.background{ background-color: rgb(127,  
201, 109) }
```

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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