

Converting Colors

RGB(124, 209, 111)

Have a look what the booklet for
RGB(124, 209, 111) contains.

RGB(124, 209, 111)	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(124, 209, 111)

Conversions

Conversions Part 1

Format	Color
Hex	7CD16F
RGB	124, 209, 111
RGB Percent	49%, 82%, 44%
CMY	0.5137, 0.1804, 0.5647
CMYK	0.41, 0.00, 0.47, 0.18
HSL	112°, 52%, 63%
HSV	112°, 47%, 82%
XYZ	33.9819, 51.0337, 23.0984
YIQ	172.4130, -19.2020, -48.4980

Conversions

Conversions Part 2

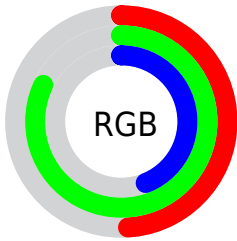
Format	Color
RYB	111, 209, 196
Decimal	8180079
CIELab	76.70, -44.69, 40.55
CIElCh	77, 60.345, 137.786
Yxy	51.0337, 0.3143, 0.4720
Android (android.graphics.Color)	4286370159 (0xFF7CD16F)
YUV	172.4130, -30.2766, -42.4582
Hunter-Lab	71.4379, -40.1066, 30.8360

Details

The RGB color **124, 209, 111** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **196, 111, 209**, and the grayscale version is **173, 173, 173**.

A 20% lighter version of the original color is **180, 255, 164**, and **68, 154, 60** is the 20% darker color. If you saturate the color by 10%, you get **106, 209, 90**, and if you desaturate by 10%, it is **142, 209, 132**.

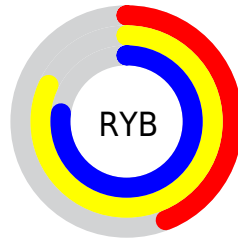
Distribution



Red (49%)

Green (82%)

Blue (44%)



Red (44%)

Yellow (82%)

Blue (77%)

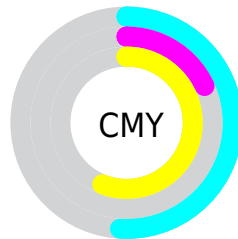


Cyan (41%)

Magenta (0%)

Yellow (47%)

Black (18%)



Cyan (51%)

Magenta (18%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the RGB color 124, 209, 111 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 124, 209, 111 by changing the saturation by 10% instead.

 124, 209, 111

255, 255, 255

 180, 255, 164

 209, 255, 192

 238, 255, 220

 255, 255, 249

 124, 209, 111

 96, 181, 85

 68, 154, 60

 38, 127, 35

 0, 102, 6

 0, 77, 0

 0, 53, 0

 0, 31, 0

 0, 0, 0

 124, 209, 111

 124, 209, 111

 106, 209, 90

 142, 209, 132

 88, 209, 69

 160, 209, 153

 70, 209, 48

 178, 209, 174

 51, 209, 27

 197, 209, 195

 33, 209, 6

 215, 209, 216

 28, 209, 0

 233, 209, 236

 251, 209, 255

 255, 209, 255

Harmonies

Analogous

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



189, 197, 77



124, 209, 111



0, 216, 164

Triad

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



124, 209, 111



0, 202, 255



255, 142, 158

Complementary

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



124, 209, 111



196, 111, 209

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, 215



124, 209, 111



153, 184, 255

Square

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



124, 209, 111



0, 213, 255



235, 161, 255



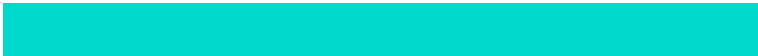
255, 157, 109

Rectangle

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



124, 209, 111



0, 217, 203



235, 161, 255



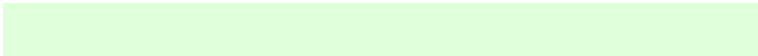
255, 140, 177

Sweetspot

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



124, 209, 111



224, 255, 219



209, 196, 111



109, 128, 106



0, 0, 0



128, 128, 128

Same Dimension

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



124, 209, 111



131, 255, 112



111, 209, 147



95, 105, 94



22, 168, 0



5, 41, 0

Inverse Universe

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



196, 111, 209



236, 112, 255



209, 111, 173



103, 94, 105



146, 0, 168



35, 0, 41

Previews

White Background



This preview shows how the RGB color 124, 209, 111 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 124, 209, 111 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 124, 209, 111 Background



This preview shows how black text looks on a background with the RGB color 124, 209, 111.

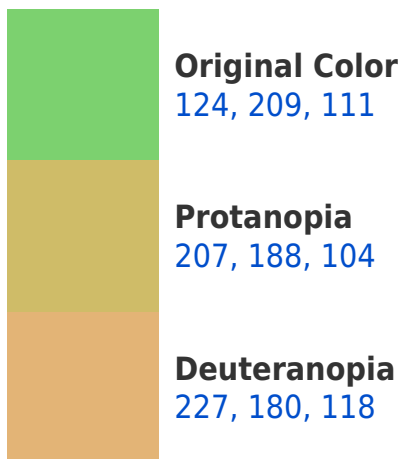


This preview shows how white text looks on a background with the RGB color 124, 209, 111.

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
143, 197, 213

Trichromacy



Original Color

124, 209, 111



Protanomaly

177, 196, 107



Deuteranomaly

190, 191, 115



Tritanomaly

136, 201, 176

Monochromacy



Original Color

124, 209, 111



Achromatopsia

172, 172, 172



Achromatomaly

155, 185, 150

CSS Examples

Text

The CSS property to change the color of the text to RGB 124, 209, 111 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(124, 209, 111)` looks like.

```
.text, #text, p{  
    color:rgb(124, 209, 111)  
}
```

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(124, 209, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 209, 111) }
```

Border

The CSS property to change the border of an element to RGB 124, 209, 111 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(124, 209, 111) }
```

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

```
.border{ border-color:rgb(124, 209, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 209, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 209, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 209, 111);  
box-shadow:4px 4px 4px 4px rgb(124, 209,  
111) }
```

Background

The CSS property to change the background color of an element to RGB 124, 209, 111 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 209, 111) }
```

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

```
.background{ background-color: rgb(124,  
209, 111) }
```

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