

Converting Colors

RGB(124, 199, 122)

Have a look what the booklet for
RGB(124, 199, 122) contains.

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Color

RGB(124, 199, 122)

Conversions

Conversions Part 1

Format	Color
Hex	7CC77A
RGB	124, 199, 122
RGB Percent	49%, 78%, 48%
CMY	0.5137, 0.2196, 0.5216
CMYK	0.38, 0.00, 0.39, 0.22
HSL	118°, 41%, 63%
HSV	118°, 39%, 78%
XYZ	32.2485, 46.5371, 25.6952
YIQ	167.7970, -19.9830, -39.8470

Conversions

Conversions Part 2

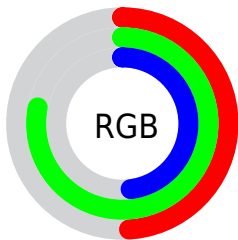
Format	Color
RYB	122, 199, 197
Decimal	8177530
CIELab	73.89, -38.74, 31.39
CIELCh	74, 49.860, 140.976
Yxy	46.5371, 0.3087, 0.4454
Android (android.graphics.Color)	4286367610 (0xFF7CC77A)
YUV	167.7970, -22.5779, -38.4100
Hunter-Lab	68.2181, -35.0001, 25.4203

Details

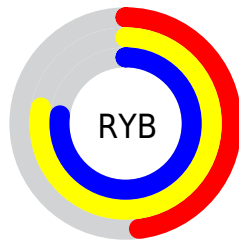
The RGB color **124, 199, 122** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **197, 122, 199**, and the grayscale version is **168, 168, 168**.

A 20% lighter version of the original color is **179, 255, 175**, and **70, 144, 72** is the 20% darker color. If you saturate the color by 10%, you get **105, 199, 102**, and if you desaturate by 10%, it is **143, 199, 142**.

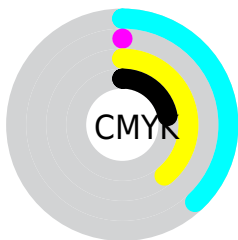
Distribution



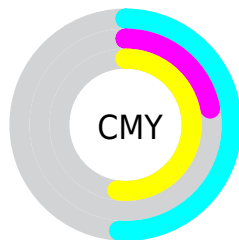
- Red (49%)
- Green (78%)
- Blue (48%)



- Red (48%)
- Yellow (78%)
- Blue (77%)



- Cyan (38%)
- Magenta (0%)
- Yellow (39%)
- Black (22%)




- Cyan (51%)
- Magenta (22%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the RGB color 124, 199, 122 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, 199, 122 by changing the saturation by 10% instead.


 124, 199, 122


255, 255, 255

 179, 255, 175


 208, 255, 203

 237, 255, 231

 124, 199, 122

 97, 171, 97

 70, 144, 72

 42, 118, 48


 6, 93, 25


 0, 69, 0

 0, 46, 0

 0, 22, 0

 0, 0, 0


 124, 199, 122

 124, 199, 122


 105, 199, 102

 143, 199, 142

 85, 199, 82

 163, 199, 162


 66, 199, 62

 182, 199, 182


 46, 199, 42

 202, 199, 202

 27, 199, 23

 221, 199, 222

 8, 199, 3

 240, 199, 241

 5, 199, 0

 255, 199, 255

Harmonies

Analogous

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



177, 189, 93



124, 199, 122



41, 204, 166

Triad

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



124, 199, 122



66, 190, 255



255, 145, 151

Complementary

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



124, 199, 122



197, 122, 199

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, 197



124, 199, 122



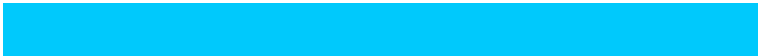
164, 175, 255

Square

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



124, 199, 122



0, 201, 252



225, 157, 240



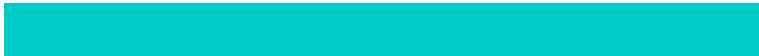
254, 158, 112

Rectangle

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



124, 199, 122



0, 205, 198



225, 157, 240



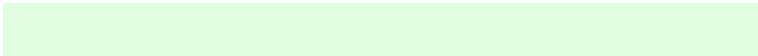
255, 144, 166

Sweetspot

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



124, 199, 122



225, 255, 224



199, 196, 122



110, 128, 110



0, 0, 0



128, 128, 128

Same Dimension

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



124, 199, 122



141, 255, 138



122, 199, 158



90, 99, 90



4, 163, 0



1, 36, 0

Inverse Universe

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



197, 122, 199



252, 138, 255



199, 122, 163



99, 90, 99



159, 0, 163



35, 0, 36

Previews

White Background



This preview shows how the RGB color 124, 199, 122 looks on a white background.

Color Contrast Check

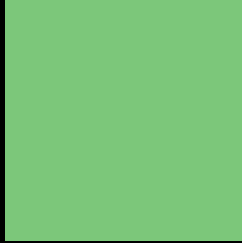
Large Text (above 18pt) WCAG AA × Fail

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, 199, 122 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, 199, 122 Background



This preview shows how black text looks on a background with the RGB color 124, 199, 122.



This preview shows how white text looks on a background with the RGB color 124, 199, 122.

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](#).

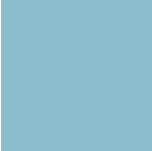
Dichromacy



Original Color
124, 199, 122

Protanopia
197, 181, 115

Deuteranopia
215, 173, 128



Tritanopia
140, 189, 204

Trichromacy



Original Color
124, 199, 122

Protanomaly
170, 188, 118

Deuteranomaly
182, 182, 126

Tritanomaly
134, 193, 174

Monochromacy



Original Color
124, 199, 122

Achromatopsia
168, 168, 168

Achromatomaly
152, 179, 151

CSS Examples

Text

The CSS property to change the color of the text to RGB 124, 199, 122 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, 199, 122)` looks like.

```
.text, #text, p{  
    color:rgb(124, 199, 122)  
}
```

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, 199, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 199, 122) }
```

Border

The CSS property to change the border of an element to RGB 124, 199, 122 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, 199, 122) }
```

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

```
.border{ border-color:rgb(124, 199, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 199, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 199, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 199, 122);  
box-shadow:4px 4px 4px 4px rgb(124, 199,  
122) }
```

Background

The CSS property to change the background color of an element to RGB 124, 199, 122 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 199, 122) }
```

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

```
.background{ background-color: rgb(124,  
199, 122) }
```

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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