

Converting Colors

RGB(122, 199, 134)

Have a look what the booklet for
RGB(122, 199, 134) contains.

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Color

RGB(122, 199, 134)

Conversions

Conversions Part 1

Format	Color
Hex	7AC786
RGB	122, 199, 134
RGB Percent	48%, 78%, 53%
CMY	0.5216, 0.2196, 0.4745
CMYK	0.39, 0.00, 0.33, 0.22
HSL	129°, 41%, 63%
HSV	129°, 39%, 78%
XYZ	32.7525, 46.7057, 29.8431
YIQ	168.5670, -25.0270, -36.5390

Conversions

Conversions Part 2

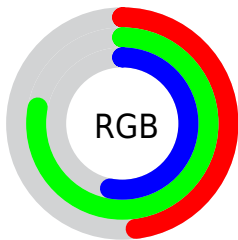
Format	Color
RYB	122, 189, 199
Decimal	8046470
CIELab	74.00, -37.39, 25.26
CIElCh	74, 45.127, 145.961
Yxy	46.7057, 0.2997, 0.4273
Android (android.graphics.Color)	4286236550 (0xFF7AC786)
YUV	168.5670, -17.0415, -40.8393
Hunter-Lab	68.3415, -34.0519, 21.9486

Details

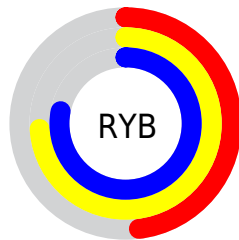
The RGB color **122, 199, 134** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **199, 122, 187**, and the grayscale version is **169, 169, 169**.

A 20% lighter version of the original color is **177, 255, 188**, and **68, 145, 84** is the 20% darker color. If you saturate the color by 10%, you get **102, 199, 117**, and if you desaturate by 10%, it is **142, 199, 151**.

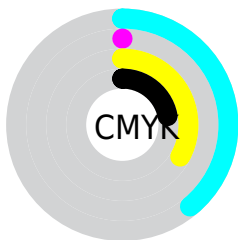
Distribution



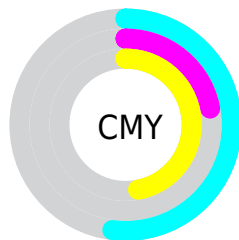
- Red (48%)
- Green (78%)
- Blue (53%)



- Red (48%)
- Yellow (74%)
- Blue (78%)



- Cyan (39%)
- Magenta (0%)
- Yellow (33%)
- Black (22%)



- Cyan (52%)
- Magenta (22%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the RGB color 122, 199, 134 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 122, 199, 134 by changing the saturation by 10% instead.


 122, 199, 134


255, 255, 255

 177, 255, 188


 206, 255, 215

 234, 255, 244

 122, 199, 134

 95, 171, 108

 68, 145, 84

 40, 118, 60

 3, 93, 37


 0, 69, 15


 0, 46, 0


 0, 23, 0


 0, 0, 0


 122, 199, 134


 122, 199, 134

 102, 199, 117

 142, 199, 151


 82, 199, 100

 162, 199, 168


 62, 199, 84


 182, 199, 184


 42, 199, 67


 202, 199, 201

 23, 199, 50

 222, 199, 218

 3, 199, 33

 241, 199, 235

 0, 199, 31

 255, 199, 252

 255, 199, 255

Harmonies

Analogous

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



171, 190, 105



122, 199, 134



54, 203, 175

Triad

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



122, 199, 134



105, 188, 255



255, 151, 148

Complementary

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



122, 199, 134



199, 122, 187

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, 149, 189



122, 199, 134



178, 173, 255

Square

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



122, 199, 134



0, 198, 250



228, 158, 229



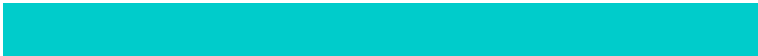
245, 163, 114

Rectangle

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



122, 199, 134



0, 204, 203



228, 158, 229



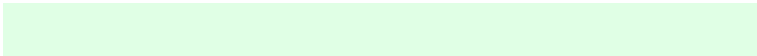
255, 149, 161

Sweetspot

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



122, 199, 134



224, 255, 229



187, 199, 122



110, 128, 112



0, 0, 0



128, 128, 128

Same Dimension

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



122, 199, 134



138, 255, 156



122, 199, 172



90, 99, 91



0, 163, 25



0, 36, 6

Inverse Universe

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



199, 122, 187



255, 138, 237



199, 122, 149



99, 90, 98



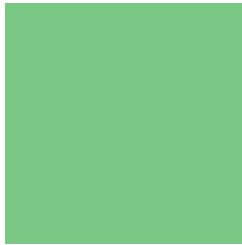
163, 0, 138



36, 0, 30

Previews

White Background



This preview shows how the RGB color 122, 199, 134 looks on a white background.

Color Contrast Check

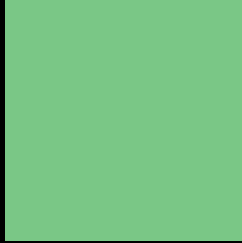
Large Text (above 18pt) WCAG AA × Fail

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 122, 199, 134 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 122, 199, 134 Background



This preview shows how black text looks on a background with the RGB color 122, 199, 134.

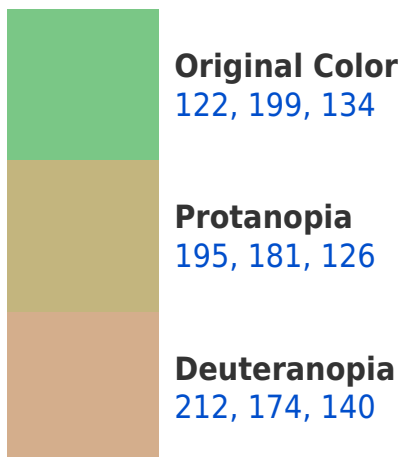


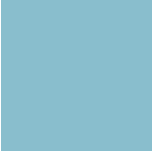
This preview shows how white text looks on a background with the RGB color 122, 199, 134.

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
137, 190, 205

Trichromacy



Original Color

122, 199, 134



Protanomaly

168, 188, 129



Deuteranomaly

179, 183, 138



Tritanomaly

132, 193, 179

Monochromacy



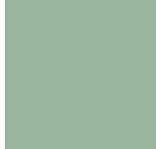
Original Color

122, 199, 134



Achromatopsia

169, 169, 169



Achromatomaly

152, 180, 156

CSS Examples

Text

The CSS property to change the color of the text to RGB 122, 199, 134 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(122, 199, 134)` looks like.

```
.text, #text, p{  
    color:rgb(122, 199, 134)  
}
```

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(122, 199, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 199, 134) }
```

Border

The CSS property to change the border of an element to RGB 122, 199, 134 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(122, 199, 134) }
```

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

```
.border{ border-color:rgb(122, 199, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 199, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 199, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 199, 134);  
box-shadow:4px 4px 4px 4px rgb(122, 199,  
134) }
```

Background

The CSS property to change the background color of an element to RGB 122, 199, 134 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 199, 134) }
```

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

```
.background{ background-color: rgb(122,  
199, 134) }
```

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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