

Converting Colors

RGB(134, 177, 122)

Have a look what the booklet for
RGB(134, 177, 122) contains.

RGB(134, 177, 122)	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(134, 177, 122)

Conversions

Conversions Part 1

Format	Color
Hex	86B17A
RGB	134, 177, 122
RGB Percent	53%, 69%, 48%
CMY	0.4745, 0.3059, 0.5216
CMYK	0.24, 0.00, 0.31, 0.31
HSL	107°, 26%, 59%
HSV	107°, 31%, 69%
XYZ	29.0665, 37.9178, 24.1992
YIQ	157.8730, -7.9730, -26.2210

Conversions

Conversions Part 2

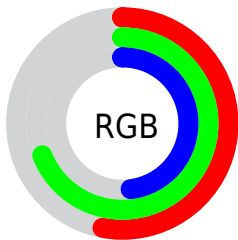
Format	Color
RYB	122, 177, 165
Decimal	8827258
CIELab	67.96, -25.03, 23.61
CIELCh	68, 34.411, 136.672
Yxy	37.9178, 0.3188, 0.4158
Android (android.graphics.Color)	4287017338 (0xFF86B17A)
YUV	157.8730, -17.6854, -20.9366
Hunter-Lab	61.5774, -23.5027, 19.8039

Details

The RGB color **134, 177, 122** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **165, 122, 177**, and the grayscale version is **158, 158, 158**.

A 20% lighter version of the original color is **188, 233, 175**, and **83, 124, 73** is the 20% darker color. If you saturate the color by 10%, you get **120, 177, 104**, and if you desaturate by 10%, it is **148, 177, 140**.

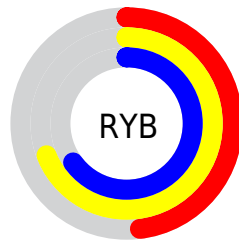
Distribution



Red (53%)

Green (69%)

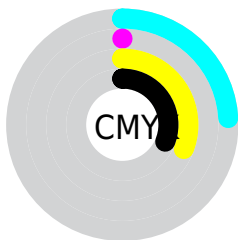
Blue (48%)



Red (48%)

Yellow (69%)

Blue (65%)

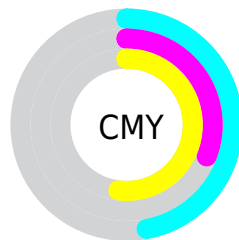


Cyan (24%)

Magenta (0%)

Yellow (31%)

Black (31%)



Cyan (47%)


Magenta (31%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the RGB color 134, 177, 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 134, 177, 122 by changing the saturation by 10% instead.

 134, 177, 122

255, 255, 255

 188, 233, 175

 216, 255, 202

 245, 255, 231

 134, 177, 122

 108, 150, 97

 83, 124, 73

 58, 99, 50

 34, 75, 27

 10, 52, 4

 0, 32, 0

 0, 0, 0


 134, 177, 122


 120, 177, 104


 134, 177, 122

 148, 177, 140

 106, 177, 87

 162, 177, 157

 92, 177, 69


 176, 177, 175

 79, 177, 51

 189, 177, 193


 65, 177, 34

 203, 177, 211

 51, 177, 16

 217, 177, 228

 39, 177, 0

 231, 177, 246

 245, 177, 255

 255, 177, 255

Harmonies

Analogous

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



169, 169, 105



134, 177, 122



96, 181, 150

Triad

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



134, 177, 122



99, 173, 225



227, 142, 149

Complementary

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



134, 177, 122



165, 122, 177

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.



218, 143, 181



134, 177, 122



149, 163, 225

Square

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



134, 177, 122



55, 180, 210



191, 151, 208



220, 149, 122

Rectangle

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



134, 177, 122



70, 182, 172



191, 151, 208



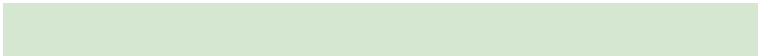
226, 142, 160

Sweetspot

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



134, 177, 122



213, 230, 209



177, 164, 122



105, 115, 102



242, 242, 242



115, 115, 115

Same Dimension

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



134, 177, 122



163, 230, 145



122, 177, 137



82, 89, 80



33, 153, 0



6, 26, 0

Inverse Universe

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



165, 122, 177



211, 145, 230



177, 122, 162



87, 80, 89



120, 0, 153



20, 0, 26

Previews

White Background



This preview shows how the RGB color 134, 177, 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 134, 177, 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 134, 177, 122 Background



This preview shows how black text looks on a background with the RGB color 134, 177, 122.

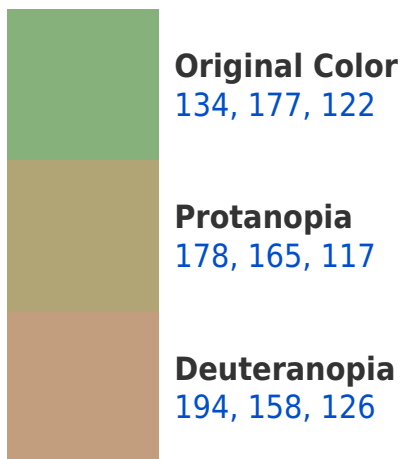


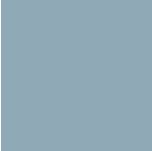
This preview shows how white text looks on a background with the RGB color 134, 177, 122.

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





Tritanopia

144, 169, 183

Trichromacy



Original Color
134, 177, 122

Protanomaly
162, 169, 119

Deuteranomaly
172, 165, 125

Tritanomaly
140, 172, 161

Monochromacy



Original Color
134, 177, 122

Achromatopsia
158, 158, 158

Achromatomaly
149, 165, 145

CSS Examples

Text

The CSS property to change the color of the text to RGB 134, 177, 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(134, 177, 122)` looks like.

```
.text, #text, p{  
    color:rgb(134, 177, 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(134, 177, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 177, 122) }
```

Border

The CSS property to change the border of an element to RGB 134, 177, 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(134, 177, 122) }
```

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

```
.border{ border-color:rgb(134, 177, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 177, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 177, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 177, 122);  
box-shadow:4px 4px 4px 4px rgb(134, 177,  
122) }
```

Background

The CSS property to change the background color of an element to RGB 134, 177, 122 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 177, 122) }
```

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

```
.background{ background-color: rgb(134,  
177, 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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