

Converting Colors

RGB(134, 177, 125)

Have a look what the booklet for
RGB(134, 177, 125) contains.

RGB(134, 177, 125)	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, 125)

Conversions

Conversions Part 1

Format	Color
Hex	86B17D
RGB	134, 177, 125
RGB Percent	53%, 69%, 49%
CMY	0.4745, 0.3059, 0.5098
CMYK	0.24, 0.00, 0.29, 0.31
HSL	110°, 25%, 59%
HSV	110°, 29%, 69%
XYZ	29.2553, 37.9933, 25.1936
YIQ	158.2150, -8.9360, -25.2880

Conversions

Conversions Part 2

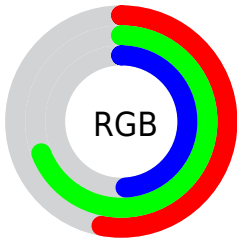
Format	Color
RYB	125, 177, 168
Decimal	8827261
CIELab	68.02, -24.54, 22.07
CIELCh	68, 33.009, 138.037
Yxy	37.9933, 0.3165, 0.4110
Android (android.graphics.Color)	4287017341 (0xFF86B17D)
YUV	158.2150, -16.3750, -21.2366
Hunter-Lab	61.6387, -23.1470, 18.9135

Details

The RGB color **134, 177, 125** is a dark color, and the websafe version is hex **99CC99**. A complement of this color would be **168, 125, 177**, and the grayscale version is **158, 158, 158**.

A 20% lighter version of the original color is **188, 233, 178**, and **83, 124, 76** is the 20% darker color. If you saturate the color by 10%, you get **119, 177, 107**, and if you desaturate by 10%, it is **149, 177, 143**.

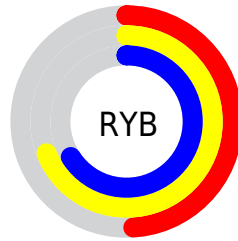
Distribution



Red (53%)

Green (69%)

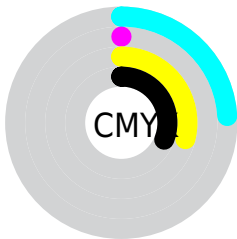
Blue (49%)



Red (49%)

Yellow (69%)

Blue (66%)

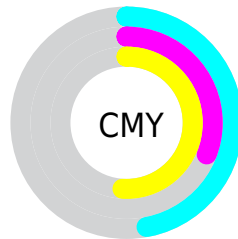


Cyan (24%)

Magenta (0%)

Yellow (29%)

Black (31%)



Cyan (47%)

Magenta (31%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the RGB color 134, 177, 125 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, 125 by changing the saturation by 10% instead.


 134, 177, 125


255, 255, 255

 188, 233, 178

 216, 255, 206

 245, 255, 234

 134, 177, 125

 108, 150, 100

 83, 124, 76


 59, 99, 52

 35, 75, 30

 10, 52, 7


 0, 32, 0


 0, 0, 0

 134, 177, 125


 119, 177, 107


 134, 177, 125

 149, 177, 143

 105, 177, 90


 163, 177, 160

 90, 177, 72


 178, 177, 178


 75, 177, 54

 193, 177, 196

 61, 177, 37


 207, 177, 214


 46, 177, 19

 222, 177, 231

 32, 177, 1

 236, 177, 249

 31, 177, 0

 251, 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.



168, 170, 108



134, 177, 125



98, 181, 152

Triad

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



134, 177, 125



106, 172, 223



225, 144, 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, 125



168, 125, 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.



217, 144, 179



134, 177, 125



153, 162, 222

Square

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



134, 177, 125



66, 179, 209



192, 152, 206



217, 150, 123

Rectangle

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



134, 177, 125



75, 182, 173



192, 152, 206



224, 143, 159

Sweetspot

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



134, 177, 125



212, 230, 209



177, 167, 125



104, 115, 102



242, 242, 242



115, 115, 115

Same Dimension

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



134, 177, 125



163, 230, 149



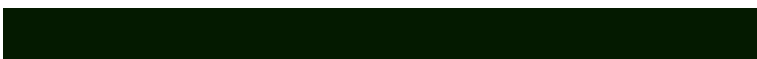
125, 177, 141



82, 89, 80



26, 153, 0



4, 26, 0

Inverse Universe

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



168, 125, 177



216, 149, 230



177, 125, 161



88, 80, 89



127, 0, 153



21, 0, 26

Previews

White Background



This preview shows how the RGB color 134, 177, 125 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, 125 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

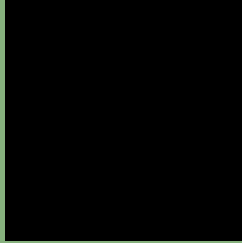
Any Text WCAG AA ✓ Pass

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, 125 Background



This preview shows how black text looks on a background with the RGB color 134, 177, 125.



This preview shows how white text looks on a background with the RGB color 134, 177, 125.

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](#).

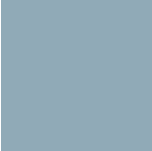
Dichromacy



Original Color
134, 177, 125

Protanopia
178, 165, 120

Deuteranopia
193, 159, 129



Tritanopia

144, 170, 183

Trichromacy



Original Color
134, 177, 125

Protanomaly
162, 169, 122

Deuteranomaly
172, 166, 128

Tritanomaly
140, 173, 162

Monochromacy



Original Color
134, 177, 125

Achromatopsia
158, 158, 158

Achromatomaly
149, 165, 146

CSS Examples

Text

The CSS property to change the color of the text to RGB 134, 177, 125 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, 125)` looks like.

```
.text, #text, p{  
    color:rgb(134, 177, 125)  
}
```

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, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 177, 125) }
```

Border

The CSS property to change the border of an element to RGB 134, 177, 125 is called "border". The border property can be set on classes, ids or directly on the HTML element.

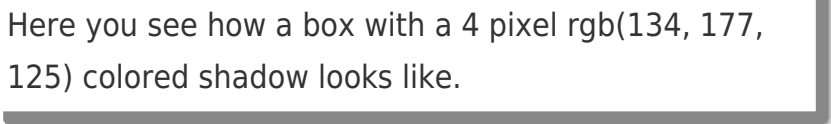
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(134, 177, 125) }
```

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

```
.border{ border-color:rgb(134, 177, 125) }
```

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, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(134, 177, 125); -webkit-box-shadow:4px 4px 4px 4px rgb(134, 177, 125); box-shadow:4px 4px 4px 4px rgb(134, 177, 125) }
```

Background

The CSS property to change the background color of an element to RGB 134, 177, 125 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, 125) }
```

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

```
.background{ background-color: rgb(134,  
177, 125) }
```

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