

Converting Colors

RGB(134, 215, 129)

Have a look what the booklet for
RGB(134, 215, 129) contains.

RGB(134, 215, 129)	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, 215, 129)

Conversions

Conversions Part 1

Format	Color
Hex	86D781
RGB	134, 215, 129
RGB Percent	53%, 84%, 51%
CMY	0.4745, 0.1569, 0.4941
CMYK	0.38, 0.00, 0.40, 0.16
HSL	117°, 52%, 67%
HSV	117°, 40%, 84%
XYZ	38.0944, 55.2542, 29.4262
YIQ	180.9770, -20.6700, -43.9180

Conversions

Conversions Part 2

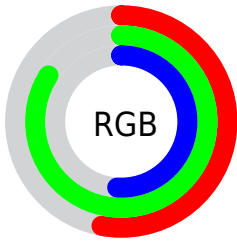
Format	Color
RYB	129, 215, 210
Decimal	8836993
CIELab	79.19, -41.64, 34.81
CIELCh	79, 54.276, 140.108
Yxy	55.2542, 0.3103, 0.4500
Android (android.graphics.Color)	4287027073 (0xFF86D781)
YUV	180.9770, -25.6247, -41.1988
Hunter-Lab	74.3332, -38.6050, 28.5621

Details

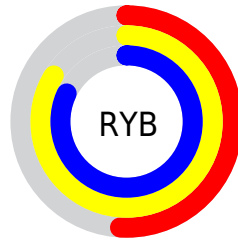
The RGB color **134, 215, 129** is a light color, and the websafe version is hex **66CC66**. A complement of this color would be **210, 129, 215**, and the grayscale version is **181, 181, 181**.

A 20% lighter version of the original color is **190, 255, 183**, and **79, 160, 78** is the 20% darker color. If you saturate the color by 10%, you get **114, 215, 108**, and if you desaturate by 10%, it is **154, 215, 151**.

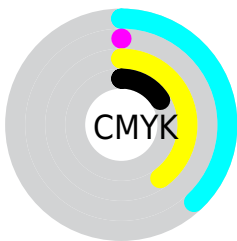
Distribution



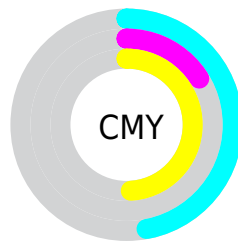
- Red (53%)
- Green (84%)
- Blue (51%)



- Red (51%)
- Yellow (84%)
- Blue (82%)



- Cyan (38%)
- Magenta (0%)
- Yellow (40%)
- Black (16%)



- Cyan (47%)
- Magenta (16%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the RGB color 134, 215, 129 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, 215, 129 by changing the saturation by 10% instead.

 134, 215, 129


255, 255, 255

 190, 255, 183


 219, 255, 211

 248, 255, 239

 134, 215, 129

 107, 187, 103

 79, 160, 78

 51, 133, 54

 17, 107, 30

 0, 82, 3

 0, 58, 0

 0, 38, 0

 0, 0, 0

 134, 215, 129

 134, 215, 129

 114, 215, 108

 154, 215, 151

 94, 215, 86

 175, 215, 172

 73, 215, 65

 195, 215, 194

 53, 215, 43

 215, 215, 215

 33, 215, 21

 235, 215, 237

 12, 215, 0

 255, 215, 255

Harmonies

Analogous

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



193, 204, 98



134, 215, 129



37, 221, 177

Triad

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



134, 215, 129



56, 206, 255



255, 156, 164

Complementary

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



134, 215, 129



210, 129, 215

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, 156, 215



134, 215, 129



173, 189, 255

Square

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



134, 215, 129



0, 217, 255



242, 170, 255



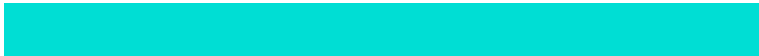
255, 169, 120

Rectangle

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



134, 215, 129



0, 222, 212



242, 170, 255



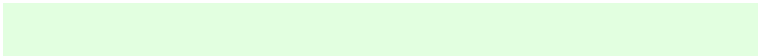
255, 154, 181

Sweetspot

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



134, 215, 129



226, 255, 224



215, 209, 129



111, 128, 110



0, 0, 0



128, 128, 128

Same Dimension

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



134, 215, 129



140, 255, 133



129, 215, 166



97, 107, 96



10, 171, 0



3, 43, 0

Inverse Universe

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



210, 129, 215



248, 133, 255



215, 129, 178



106, 96, 107



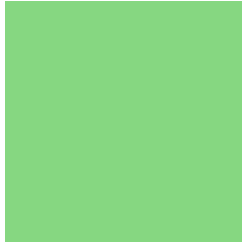
161, 0, 171



41, 0, 43

Previews

White Background



This preview shows how the RGB color 134, 215, 129 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, 215, 129 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

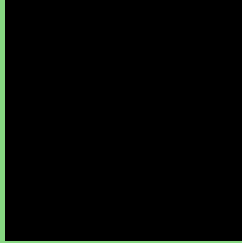
Any Text WCAG AA ✓ Pass

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, 215, 129 Background



This preview shows how black text looks on a background with the RGB color 134, 215, 129.

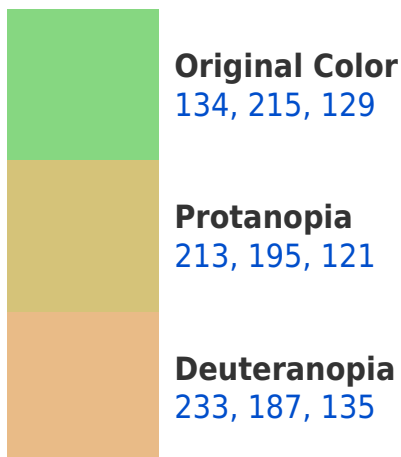


This preview shows how white text looks on a background with the RGB color 134, 215, 129.

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
151, 204, 220

Trichromacy



Original Color

134, 215, 129



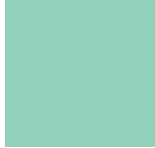
Protanomaly

184, 202, 124



Deuteranomaly

197, 197, 133



Tritanomaly

145, 208, 187

Monochromacy



Original Color

134, 215, 129



Achromatopsia

181, 181, 181



Achromatomaly

164, 193, 162

CSS Examples

Text

The CSS property to change the color of the text to RGB 134, 215, 129 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, 215, 129)` looks like.

```
.text, #text, p{  
    color:rgb(134, 215, 129)  
}
```

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, 215, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 215, 129) }
```

Border

The CSS property to change the border of an element to RGB 134, 215, 129 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, 215, 129) }
```

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

```
.border{ border-color:rgb(134, 215, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 215, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 215, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 215, 129);  
box-shadow:4px 4px 4px 4px rgb(134, 215,  
129) }
```

Background

The CSS property to change the background color of an element to RGB 134, 215, 129 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 215, 129) }
```

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

```
.background{ background-color: rgb(134,  
215, 129) }
```

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