

Converting Colors

RGB(135, 191, 107)

Have a look what the booklet for
RGB(135, 191, 107) contains.

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Color

RGB(135, 191, 107)

Conversions

Conversions Part 1

Format	Color
Hex	87BF6B
RGB	135, 191, 107
RGB Percent	53%, 75%, 42%
CMY	0.4706, 0.2510, 0.5804
CMYK	0.29, 0.00, 0.44, 0.25
HSL	100°, 40%, 58%
HSV	100°, 44%, 75%
XYZ	31.2763, 43.4740, 20.6528
YIQ	164.6800, -6.4120, -37.9960

Conversions

Conversions Part 2

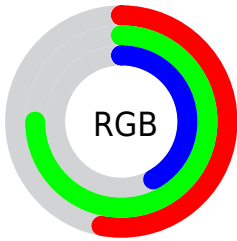
Format	Color
RYB	107, 191, 163
Decimal	8896363
CIELab	71.88, -33.58, 36.60
CIELCh	72, 49.668, 132.539
Yxy	43.4740, 0.3278, 0.4557
Android (android.graphics.Color)	4287086443 (0xFF87BF6B)
YUV	164.6800, -28.4362, -26.0294
Hunter-Lab	65.9348, -30.7142, 27.5829

Details

The RGB color **135, 191, 107** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **163, 107, 191**, and the grayscale version is **165, 165, 165**.

A 20% lighter version of the original color is **190, 248, 160**, and **82, 137, 57** is the 20% darker color. If you saturate the color by 10%, you get **122, 191, 88**, and if you desaturate by 10%, it is **148, 191, 126**.

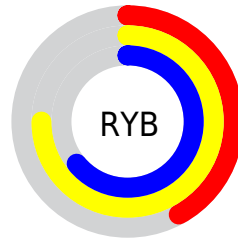
Distribution



Red (53%)

Green (75%)

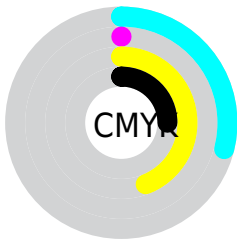
Blue (42%)



Red (42%)

Yellow (75%)

Blue (64%)

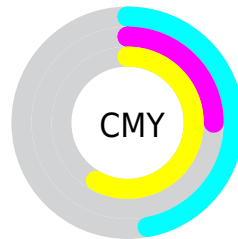


Cyan (29%)

Magenta (0%)

Yellow (44%)

Black (25%)



Cyan (47%)

Magenta (25%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the RGB color 135, 191, 107 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 135, 191, 107 by changing the saturation by 10% instead.

 135, 191, 107


255, 255, 255

 190, 248, 160


 219, 255, 187


 248, 255, 215

 255, 255, 244

 135, 191, 107

 108, 164, 82

 82, 137, 57

 56, 111, 33

 29, 87, 6


 0, 63, 0

 0, 41, 0

 0, 13, 0


 0, 0, 0


 135, 191, 107

 135, 191, 107


 122, 191, 88


 148, 191, 126


 110, 191, 69


 160, 191, 145

 97, 191, 50

 173, 191, 164


 84, 191, 31

 186, 191, 183

 71, 191, 12


 199, 191, 203

 64, 191, 0

 211, 191, 222

 224, 191, 241

 237, 191, 255

 250, 191, 255

Harmonies

Analogous

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



185, 180, 84



135, 191, 107



67, 198, 147

Triad

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



135, 191, 107



0, 188, 255



255, 139, 159

Complementary

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



135, 191, 107



163, 107, 191

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.



247, 142, 204



135, 191, 107



136, 174, 255

Square

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



135, 191, 107



0, 197, 236



205, 157, 243



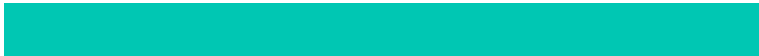
253, 148, 117

Rectangle

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



135, 191, 107



0, 199, 179



205, 157, 243



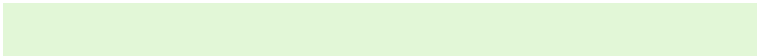
255, 138, 174

Sweetspot

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



135, 191, 107



226, 247, 215



191, 163, 107



112, 125, 105



252, 252, 252



125, 125, 125

Same Dimension

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



135, 191, 107



160, 247, 116



107, 191, 121



88, 94, 85



53, 158, 0



10, 31, 0

Inverse Universe

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



163, 107, 191



204, 116, 247



191, 107, 177



91, 85, 94



105, 0, 158



20, 0, 31

Previews

White Background



This preview shows how the RGB color 135, 191, 107 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 135, 191, 107 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 135, 191, 107 Background



This preview shows how black text looks on a background with the RGB color 135, 191, 107.

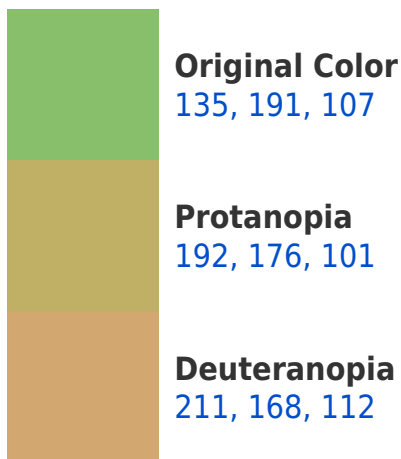


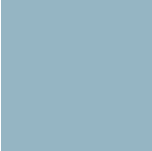
This preview shows how white text looks on a background with the RGB color 135, 191, 107.

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
149, 181, 195

Trichromacy



Original Color
135, 191, 107

Protanomaly
171, 181, 103

Deuteranomaly
183, 176, 110

Tritanomaly
144, 185, 163

Monochromacy



Original Color
135, 191, 107

Achromatopsia
165, 165, 165

Achromatomaly
154, 174, 144

CSS Examples

Text

The CSS property to change the color of the text to RGB 135, 191, 107 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(135, 191, 107)` looks like.

```
.text, #text, p{  
    color:rgb(135, 191, 107)  
}
```

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(135, 191, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 191, 107) }
```

Border

The CSS property to change the border of an element to RGB 135, 191, 107 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(135, 191, 107) }
```

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

```
.border{ border-color:rgb(135, 191, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 191, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 191, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 191, 107);  
box-shadow:4px 4px 4px 4px rgb(135, 191,  
107) }
```

Background

The CSS property to change the background color of an element to RGB 135, 191, 107 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 191, 107) }
```

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

```
.background{ background-color: rgb(135,  
191, 107) }
```

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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