

Converting Colors

RGB(135, 184, 101)

Have a look what the booklet for
RGB(135, 184, 101) contains.

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Color

RGB(135, 184, 101)

Conversions

Conversions Part 1

Format	Color
Hex	87B865
RGB	135, 184, 101
RGB Percent	53%, 72%, 40%
CMY	0.4706, 0.2784, 0.6039
CMYK	0.27, 0.00, 0.45, 0.28
HSL	95°, 37%, 56%
HSV	95°, 45%, 72%
XYZ	29.4811, 40.3715, 18.5506
YIQ	159.8870, -2.5610, -36.2010

Conversions

Conversions Part 2

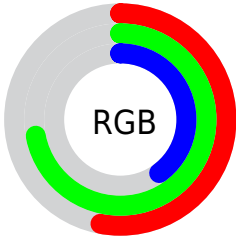
Format	Color
RYB	101, 184, 150
Decimal	8894565
CIELab	69.73, -31.08, 36.94
CIElCh	70, 48.278, 130.076
Yxy	40.3715, 0.3335, 0.4567
Android (android.graphics.Color)	4287084645 (0xFF87B865)
YUV	159.8870, -29.0313, -21.8259
Hunter-Lab	63.5385, -28.3706, 27.1668

Details

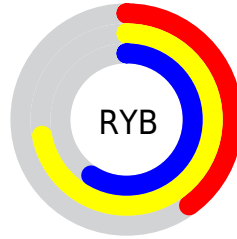
The RGB color **135, 184, 101** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **150, 101, 184**, and the grayscale version is **160, 160, 160**.

A 20% lighter version of the original color is **190, 240, 153**, and **83, 131, 52** is the 20% darker color. If you saturate the color by 10%, you get **124, 184, 83**, and if you desaturate by 10%, it is **146, 184, 119**.

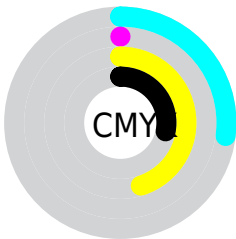
Distribution



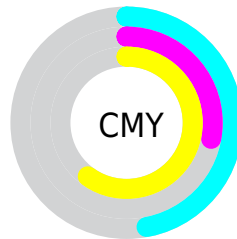
- Red (53%)
- Green (72%)
- Blue (40%)



- Red (40%)
- Yellow (72%)
- Blue (59%)



- Cyan (27%)
- Magenta (0%)
- Yellow (45%)
- Black (28%)



- Cyan (47%)
- Magenta (28%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the RGB color 135, 184, 101 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, 184, 101 by changing the saturation by 10% instead.

 135, 184, 101

255, 255, 255

 190, 240, 153


 218, 255, 180

 247, 255, 208


 255, 255, 237

 135, 184, 101

 108, 157, 76

 83, 131, 52

 57, 105, 27


 31, 81, 0

 3, 57, 0


 0, 36, 0

 0, 0, 0

 135, 184, 101

 124, 184, 83

 135, 184, 101

 146, 184, 119

■ 113, 184, 64

■ 157, 184, 138

■ 102, 184, 46

■ 168, 184, 156

■ 92, 184, 27

■ 178, 184, 175

■ 81, 184, 9

■ 189, 184, 193

■ 75, 184, 0

■ 200, 184, 211

■ 211, 184, 230

■ 222, 184, 248

■ 233, 184, 255

Harmonies

Analogous

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



183, 173, 81



135, 184, 101



72, 191, 139

Triad

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



135, 184, 101



0, 183, 252



253, 134, 157

Complementary

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



135, 184, 101



150, 101, 184

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.



236, 138, 201



135, 184, 101



125, 170, 255

Square

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



135, 184, 101



0, 191, 226



193, 153, 238



247, 142, 116

Rectangle

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



135, 184, 101



0, 193, 169



193, 153, 238



250, 134, 172

Sweetspot

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



135, 184, 101



220, 240, 206



184, 149, 101



108, 120, 99



247, 247, 247



120, 120, 120

Same Dimension

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



135, 184, 101



163, 240, 110



101, 184, 108



86, 92, 83



64, 156, 0



11, 28, 0

Inverse Universe

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



150, 101, 184



187, 110, 240



184, 101, 177



88, 83, 92



92, 0, 156



17, 0, 28

Previews

White Background



This preview shows how the RGB color 135, 184, 101 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, 184, 101 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, 184, 101 Background



This preview shows how black text looks on a background with the RGB color 135, 184, 101.

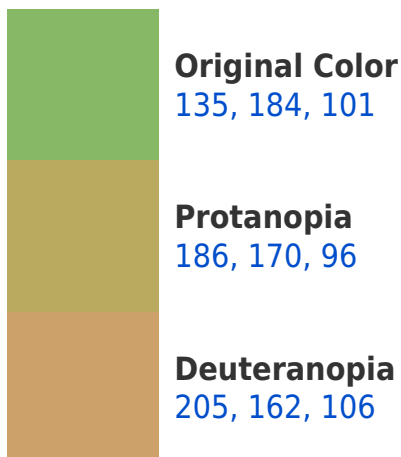


This preview shows how white text looks on a background with the RGB color 135, 184, 101.

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
148, 174, 188

Trichromacy



Original Color
135, 184, 101

Protanomaly
167, 175, 98

Deuteranomaly
180, 170, 104

Tritanomaly
143, 178, 156

Monochromacy



Original Color
135, 184, 101

Achromatopsia
160, 160, 160

Achromatomaly
151, 169, 139

CSS Examples

Text

The CSS property to change the color of the text to RGB 135, 184, 101 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, 184, 101)` looks like.

```
.text, #text, p{  
    color:rgb(135, 184, 101)  
}
```

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, 184, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 184, 101) }
```

Border

The CSS property to change the border of an element to RGB 135, 184, 101 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, 184, 101) }
```

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

```
.border{ border-color:rgb(135, 184, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 184, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 184, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 184, 101);  
box-shadow:4px 4px 4px 4px rgb(135, 184,  
101) }
```

Background

The CSS property to change the background color of an element to RGB 135, 184, 101 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 184, 101) }
```

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

```
.background{ background-color: rgb(135,  
184, 101) }
```

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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