

Converting Colors

RGB(135, 193, 116)

Have a look what the booklet for
RGB(135, 193, 116) contains.

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Color

RGB(135, 193, 116)

Conversions

Conversions Part 1

Format	Color
Hex	87C174
RGB	135, 193, 116
RGB Percent	53%, 76%, 45%
CMY	0.4706, 0.2431, 0.5451
CMYK	0.30, 0.00, 0.40, 0.24
HSL	105°, 38%, 61%
HSV	105°, 40%, 76%
XYZ	32.2140, 44.5518, 23.4245
YIQ	166.8800, -9.8510, -36.2430

Conversions

Conversions Part 2

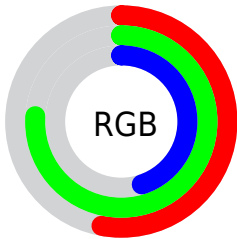
Format	Color
RYB	116, 193, 174
Decimal	8896884
CIELab	72.60, -33.27, 32.91
CIELCh	73, 46.798, 135.309
Yxy	44.5518, 0.3215, 0.4447
Android (android.graphics.Color)	4287086964 (0xFF87C174)
YUV	166.8800, -25.0838, -27.9588
Hunter-Lab	66.7471, -30.6584, 25.9155

Details

The RGB color **135, 193, 116** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **174, 116, 193**, and the grayscale version is **167, 167, 167**.

A 20% lighter version of the original color is **190, 250, 169**, and **82, 139, 66** is the 20% darker color. If you saturate the color by 10%, you get **120, 193, 97**, and if you desaturate by 10%, it is **150, 193, 135**.

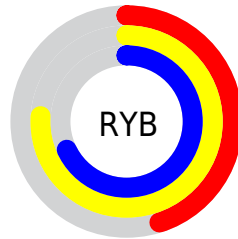
Distribution



Red (53%)

Green (76%)

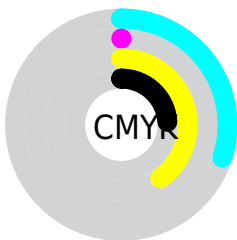
Blue (45%)



Red (45%)

Yellow (76%)

Blue (68%)

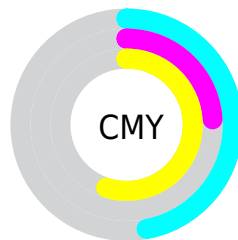


Cyan (30%)

Magenta (0%)

Yellow (40%)

Black (24%)



Cyan (47%)


Magenta (24%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the RGB color 135, 193, 116 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, 193, 116 by changing the saturation by 10% instead.

 135, 193, 116

255, 255, 255

 190, 250, 169

 218, 255, 196


 247, 255, 225


255, 255, 253

 135, 193, 116


 135, 193, 116

 108, 166, 91

 82, 139, 66

 57, 113, 42


 30, 88, 18


 0, 64, 0

 0, 42, 0

 0, 16, 0


 0, 0, 0


 135, 193, 116

 120, 193, 97

 150, 193, 135

 106, 193, 77


 164, 193, 155


 91, 193, 58


 179, 193, 174


 77, 193, 39


 193, 193, 193


 62, 193, 20


 208, 193, 212

 48, 193, 0

 222, 193, 232

 48, 193, 0

 237, 193, 251

 251, 193, 255

 255, 193, 255

Harmonies

Analogous

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



183, 183, 93



135, 193, 116



72, 199, 155

Triad

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



135, 193, 116



54, 189, 255



255, 144, 158

Complementary

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



135, 193, 116



174, 116, 193

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, 146, 201



135, 193, 116



149, 175, 255

Square

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



135, 193, 116



0, 197, 238



210, 159, 239



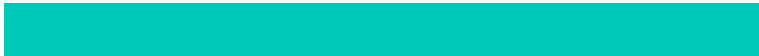
250, 153, 119

Rectangle

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



135, 193, 116



0, 200, 185



210, 159, 239



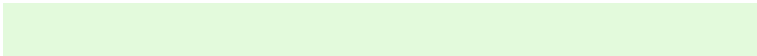
255, 143, 172

Sweetspot

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



135, 193, 116



227, 250, 220



193, 174, 116



112, 125, 107



252, 252, 252



125, 125, 125

Same Dimension

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



135, 193, 116



160, 250, 130



116, 193, 135



90, 97, 87



40, 161, 0



8, 33, 0

Inverse Universe

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



174, 116, 193



220, 130, 250



193, 116, 174



95, 87, 97



121, 0, 161



25, 0, 33

Previews

White Background



This preview shows how the RGB color 135, 193, 116 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, 193, 116 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, 193, 116 Background



This preview shows how black text looks on a background with the RGB color 135, 193, 116.

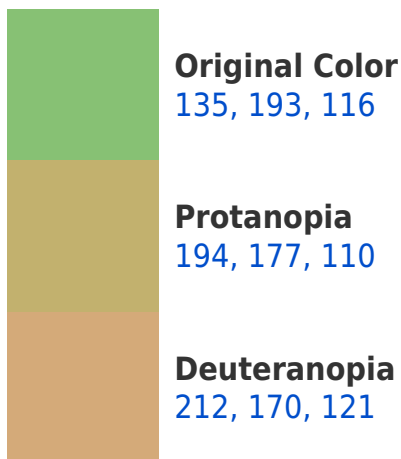


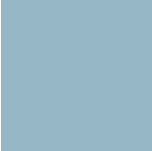
This preview shows how white text looks on a background with the RGB color 135, 193, 116.

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, 183, 198

Trichromacy



Original Color

135, 193, 116



Protanomaly

173, 183, 112



Deuteranomaly

184, 178, 119



Tritanomaly

144, 187, 168

Monochromacy



Original Color

135, 193, 116



Achromatopsia

167, 167, 167



Achromatomaly

155, 176, 148

CSS Examples

Text

The CSS property to change the color of the text to RGB 135, 193, 116 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, 193, 116)` looks like.

```
.text, #text, p{  
    color:rgb(135, 193, 116)  
}
```

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, 193, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 193, 116) }
```

Border

The CSS property to change the border of an element to RGB 135, 193, 116 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, 193, 116) }
```

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

```
.border{ border-color:rgb(135, 193, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 193, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 193, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 193, 116);  
box-shadow:4px 4px 4px 4px rgb(135, 193,  
116) }
```

Background

The CSS property to change the background color of an element to RGB 135, 193, 116 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 193, 116) }
```

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

```
.background{ background-color: rgb(135,  
193, 116) }
```

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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