

Converting Colors

RGB(135, 185, 146)

Have a look what the booklet for
RGB(135, 185, 146) contains.

RGB(135, 185, 146)	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(135, 185, 146)

Conversions

Conversions Part 1

Format	Color
Hex	87B992
RGB	135, 185, 146
RGB Percent	53%, 73%, 57%
CMY	0.4706, 0.2745, 0.4275
CMYK	0.27, 0.00, 0.21, 0.27
HSL	133°, 26%, 63%
HSV	133°, 27%, 73%
XYZ	32.5289, 41.9241, 33.5718
YIQ	165.6040, -17.2810, -22.7290

Conversions

Conversions Part 2

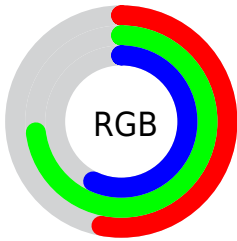
Format	Color
RYB	135, 176, 185
Decimal	8894866
CIELab	70.82, -24.48, 14.57
CIELCh	71, 28.486, 149.231
Yxy	41.9241, 0.3011, 0.3881
Android (android.graphics.Color)	4287084946 (0xFF87B992)
YUV	165.6040, -9.6648, -26.8397
Hunter-Lab	64.7489, -23.6345, 14.5827

Details

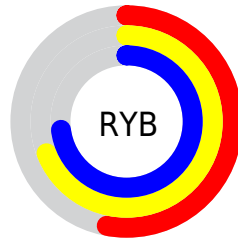
The RGB color **135, 185, 146** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **185, 135, 174**, and the grayscale version is **166, 166, 166**.

A 20% lighter version of the original color is **189, 241, 200**, and **84, 132, 95** is the 20% darker color. If you saturate the color by 10%, you get **117, 185, 132**, and if you desaturate by 10%, it is **154, 185, 160**.

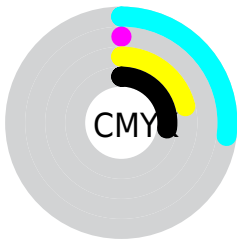
Distribution



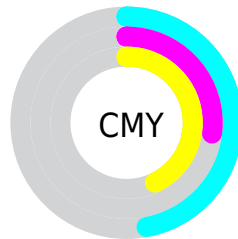
- Red (53%)
- Green (73%)
- Blue (57%)



- Red (53%)
- Yellow (69%)
- Blue (73%)



- Cyan (27%)
- Magenta (0%)
- Yellow (21%)
- Black (27%)



- Cyan (47%)
- Magenta (27%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the RGB color 135, 185, 146 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, 185, 146 by changing the saturation by 10% instead.

 135, 185, 146

255, 255, 255


 189, 241, 200

 217, 255, 228

 246, 255, 255

 135, 185, 146

 109, 158, 120

 84, 132, 95

 59, 106, 72

 35, 82, 49

 8, 58, 28


 0, 36, 3

 0, 6, 0


 0, 0, 0


 135, 185, 146


 135, 185, 146


 117, 185, 132


 154, 185, 160


 98, 185, 117


 172, 185, 175


 80, 185, 103

 190, 185, 189

 61, 185, 88


 209, 185, 204

 43, 185, 74


 228, 185, 218

 24, 185, 59

 246, 185, 233

 5, 185, 45

 255, 185, 247

 0, 185, 41

 255, 185, 255

Harmonies

Analogous

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



165, 179, 128



135, 185, 146



107, 188, 172

Triad

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



135, 185, 146



139, 176, 225



225, 156, 149

Complementary

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



135, 185, 146



185, 135, 174

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.



223, 154, 175



135, 185, 146



176, 167, 218

Square

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



135, 185, 146



106, 183, 217



206, 159, 200



214, 163, 130

Rectangle

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



135, 185, 146



95, 188, 189



206, 159, 200



226, 155, 157

Sweetspot

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



135, 185, 146



221, 240, 225



174, 185, 135



108, 120, 111



247, 247, 247



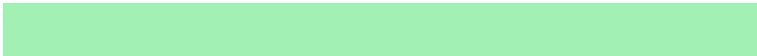
120, 120, 120

Same Dimension

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



135, 185, 146



163, 240, 180



135, 185, 171



83, 92, 85



0, 156, 34



0, 28, 6

Inverse Universe

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



185, 135, 174



240, 163, 223



185, 135, 149



92, 83, 90



156, 0, 121



28, 0, 22

Previews

White Background



This preview shows how the RGB color 135, 185, 146 looks on a white background.

Color Contrast Check

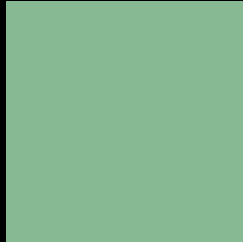
Large Text (above 18pt) WCAG AA × Fail

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, 185, 146 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, 185, 146 Background



This preview shows how black text looks on a background with the RGB color 135, 185, 146.



This preview shows how white text looks on a background with the RGB color 135, 185, 146.

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](#).

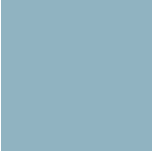
Dichromacy



Original Color
135, 185, 146

Protanopia
183, 172, 140

Deuteranopia
198, 166, 150



Tritanopia
144, 179, 193

Trichromacy



Original Color
135, 185, 146

Protanomaly
166, 177, 142

Deuteranomaly
175, 173, 149

Tritanomaly
141, 181, 176

Monochromacy



Original Color
135, 185, 146

Achromatopsia
166, 166, 166

Achromatomaly
155, 173, 159

CSS Examples

Text

The CSS property to change the color of the text to RGB 135, 185, 146 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, 185, 146)` looks like.

```
.text, #text, p{  
    color:rgb(135, 185, 146)  
}
```

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, 185, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 185, 146) }
```

Border

The CSS property to change the border of an element to RGB 135, 185, 146 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, 185, 146) }
```

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

```
.border{ border-color:rgb(135, 185, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 185, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 185, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 185, 146);  
box-shadow:4px 4px 4px 4px rgb(135, 185,  
146) }
```

Background

The CSS property to change the background color of an element to RGB 135, 185, 146 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 185, 146) }
```

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

```
.background{ background-color: rgb(135,  
185, 146) }
```

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