

Converting Colors

RGB(135, 185, 151)

Have a look what the booklet for
RGB(135, 185, 151) contains.

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Color

RGB(135, 185, 151)

Conversions

Conversions Part 1

Format	Color
Hex	87B997
RGB	135, 185, 151
RGB Percent	53%, 73%, 59%
CMY	0.4706, 0.2745, 0.4078
CMYK	0.27, 0.00, 0.18, 0.27
HSL	139°, 26%, 63%
HSV	139°, 27%, 73%
XYZ	32.9265, 42.0832, 35.6656
YIQ	166.1740, -18.8860, -21.1740

Conversions

Conversions Part 2

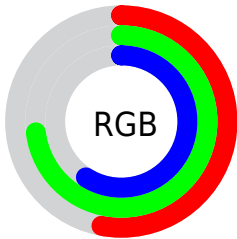
Format	Color
RYB	135, 173, 185
Decimal	8894871
CIELab	70.93, -23.53, 12.01
CIElCh	71, 26.417, 152.961
Yxy	42.0832, 0.2975, 0.3802
Android (android.graphics.Color)	4287084951 (0xFF87B997)
YUV	166.1740, -7.4808, -27.3396
Hunter-Lab	64.8716, -22.9248, 12.8131

Details

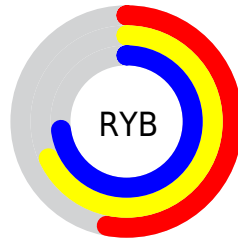
The RGB color **135, 185, 151** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **185, 135, 169**, and the grayscale version is **166, 166, 166**.

A 20% lighter version of the original color is **189, 241, 205**, and **84, 132, 100** is the 20% darker color. If you saturate the color by 10%, you get **117, 185, 138**, and if you desaturate by 10%, it is **154, 185, 164**.

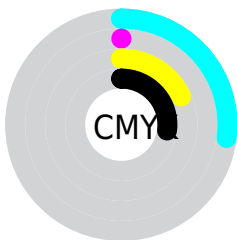
Distribution



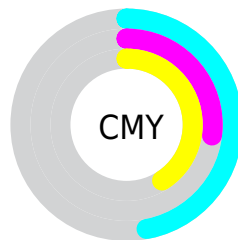
- Red (53%)
- Green (73%)
- Blue (59%)



- Red (53%)
- Yellow (68%)
- Blue (73%)



- Cyan (27%)
- Magenta (0%)
- Yellow (18%)
- Black (27%)



- Cyan (47%)
- Magenta (27%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the RGB color 135, 185, 151 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, 151 by changing the saturation by 10% instead.

 135, 185, 151

255, 255, 255


 189, 241, 205

 217, 255, 233

 246, 255, 255

 135, 185, 151

 109, 158, 125

 84, 132, 100

 59, 106, 76

 35, 82, 53

 8, 58, 32


 0, 37, 9

 0, 6, 0


 0, 0, 0


 135, 185, 151


 135, 185, 151


 117, 185, 138


 154, 185, 164

 98, 185, 126

 172, 185, 176

 80, 185, 113


 190, 185, 189


 61, 185, 101


 209, 185, 201

 43, 185, 88


 228, 185, 214

 24, 185, 76

 246, 185, 226

 5, 185, 63

 255, 185, 239

 0, 185, 59

 255, 185, 252

 255, 185, 255

Harmonies

Analogous

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



163, 180, 133



135, 185, 151



111, 187, 175

Triad

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



135, 185, 151



147, 175, 221



221, 158, 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, 151



185, 135, 169

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.



221, 156, 172



135, 185, 151



180, 167, 214

Square

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



135, 185, 151



116, 182, 216



207, 159, 196



210, 165, 131

Rectangle

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



135, 185, 151



102, 187, 191



207, 159, 196



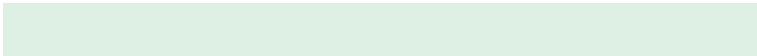
222, 157, 156

Sweetspot

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



135, 185, 151



221, 240, 227



169, 185, 135



108, 120, 112



247, 247, 247



120, 120, 120

Same Dimension

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



135, 185, 151



163, 240, 188



135, 185, 176



83, 92, 86



0, 156, 50



0, 28, 9

Inverse Universe

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



185, 135, 169



240, 163, 215



185, 135, 144



92, 83, 89



156, 0, 106



28, 0, 19

Previews

White Background



This preview shows how the RGB color 135, 185, 151 looks on a white background.

Color Contrast Check

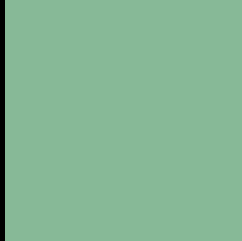
Large Text (above 18pt) WCAG AA × Fail

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, 151 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, 151 Background



This preview shows how black text looks on a background with the RGB color 135, 185, 151.

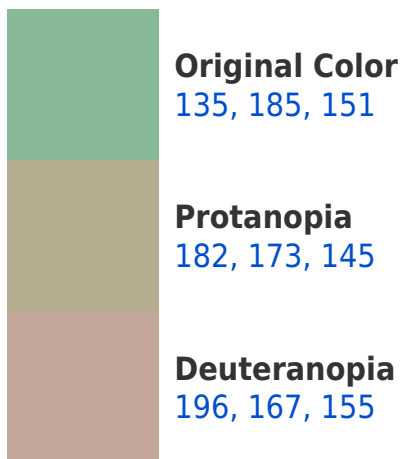


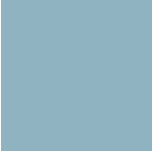
This preview shows how white text looks on a background with the RGB color 135, 185, 151.

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
143, 179, 193

Trichromacy



Original Color
135, 185, 151

Protanomaly
165, 177, 147

Deuteranomaly
174, 174, 154

Tritanomaly
140, 181, 178

Monochromacy



Original Color
135, 185, 151

Achromatopsia
166, 166, 166

Achromatomaly
155, 173, 161

CSS Examples

Text

The CSS property to change the color of the text to RGB 135, 185, 151 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, 151)` looks like.

```
.text, #text, p{  
    color:rgb(135, 185, 151)  
}
```

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, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 185, 151) }
```

Border

The CSS property to change the border of an element to RGB 135, 185, 151 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, 151) }
```

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

```
.border{ border-color:rgb(135, 185, 151) }
```

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, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 185, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 185, 151);  
box-shadow:4px 4px 4px 4px rgb(135, 185,  
151) }
```

Background

The CSS property to change the background color of an element to RGB 135, 185, 151 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, 151) }
```

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

```
.background{ background-color: rgb(135,  
185, 151) }
```

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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