

Converting Colors

RGB(85, 155, 135)

Have a look what the booklet for
RGB(85, 155, 135) contains.

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Color

RGB(85, 155, 135)

Conversions

Conversions Part 1

Format	Color
Hex	559B87
RGB	85, 155, 135
RGB Percent	33%, 61%, 53%
CMY	0.6667, 0.3922, 0.4706
CMYK	0.45, 0.00, 0.13, 0.39
HSL	163°, 29%, 47%
HSV	163°, 45%, 61%
XYZ	19.8408, 27.1233, 27.1113
YIQ	131.7900, -35.3000, -21.0600

Conversions

Conversions Part 2

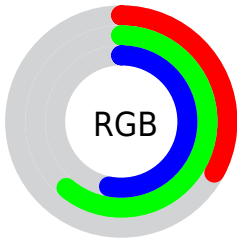
Format	Color
RYB	85, 126, 155
Decimal	5610375
CIELab	59.09, -27.05, 3.64
CIElCh	59, 27.296, 172.338
Yxy	27.1233, 0.2678, 0.3662
Android (android.graphics.Color)	4283800455 (0xFF559B87)
YUV	131.7900, 1.5825, -41.0348
Hunter-Lab	52.0800, -23.1371, 5.5914

Details

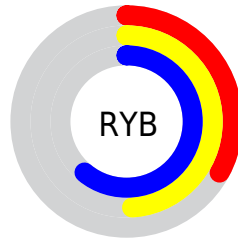
The RGB color **85, 155, 135** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **155, 85, 105**, and the grayscale version is **132, 132, 132**.

A 20% lighter version of the original color is **138, 210, 188**, and **30, 103, 85** is the 20% darker color. If you saturate the color by 10%, you get **70, 155, 131**, and if you desaturate by 10%, it is **101, 155, 139**.

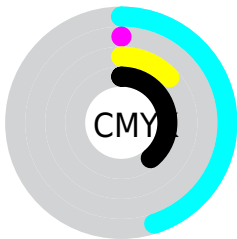
Distribution



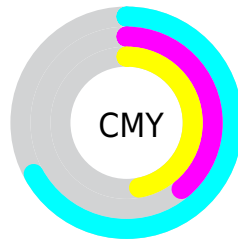
- Red (33%)
- Green (61%)
- Blue (53%)



- Red (33%)
- Yellow (49%)
- Blue (61%)



- Cyan (45%)
- Magenta (0%)
- Yellow (13%)
- Black (39%)



- Cyan (67%)
- Magenta (39%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the RGB color 85, 155, 135 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 85, 155, 135 by changing the saturation by 10% instead.



85, 155, 135



85, 155, 135

255, 255, 255



58, 129, 110



138, 210, 188



30, 103, 85



166, 238, 216



0, 79, 62



194, 255, 244



0, 55, 40



223, 255, 255



0, 35, 20



252, 255, 255



0, 0, 0



85, 155, 135



85, 155, 135



70, 155, 131



101, 155, 139



54, 155, 126



116, 155, 144

■ 39, 155, 122

■ 132, 155, 148

■ 23, 155, 117

■ 147, 155, 153

■ 8, 155, 113

■ 163, 155, 157

■ 0, 155, 111

■ 178, 155, 162

■ 194, 155, 166

■ 209, 155, 170

■ 225, 155, 175

Harmonies

Analogous

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



113, 152, 112



85, 155, 135



65, 155, 160

Triad

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



85, 155, 135



137, 138, 186



182, 131, 105

Complementary

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



85, 155, 135



155, 85, 105

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.



190, 125, 125



85, 155, 135



167, 130, 172

Square

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



85, 155, 135



101, 146, 189



185, 125, 149



165, 139, 95

Rectangle

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



85, 155, 135



65, 154, 174



185, 125, 149



186, 128, 111

Sweetspot

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



85, 155, 135



173, 201, 193



106, 155, 85



85, 102, 97



230, 230, 230



102, 102, 102

Same Dimension

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



85, 155, 135



93, 201, 170



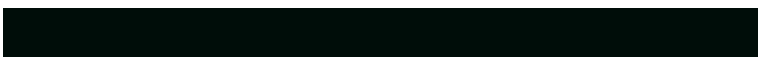
85, 141, 155



69, 77, 74



0, 140, 100



0, 13, 9

Inverse Universe

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



155, 85, 105



201, 93, 124



155, 99, 85



77, 69, 71



140, 0, 40



13, 0, 4

Previews

White Background



This preview shows how the RGB color 85, 155, 135 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 85, 155, 135 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

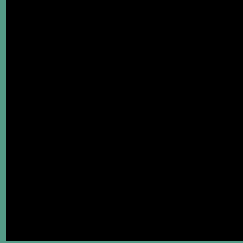
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RGB 85, 155, 135 Background



This preview shows how black text looks on a background with the RGB color 85, 155, 135.

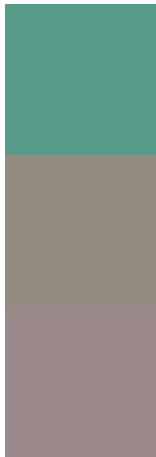


This preview shows how white text looks on a background with the RGB color 85, 155, 135.

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
85, 155, 135

Protanopia
147, 141, 128

Deuteranopia
156, 137, 139



Tritanopia
93, 151, 163

Trichromacy



Original Color
85, 155, 135

Protanomaly
124, 146, 131

Deuteranomaly
130, 144, 138

Tritanomaly
90, 152, 153

Monochromacy



Original Color
85, 155, 135

Achromatopsia
132, 132, 132

Achromatomaly
115, 140, 133

CSS Examples

Text

The CSS property to change the color of the text to RGB 85, 155, 135 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(85, 155, 135)` looks like.

```
.text, #text, p{  
    color:rgb(85, 155, 135)  
}
```

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(85, 155, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 155, 135) }
```

Border

The CSS property to change the border of an element to RGB 85, 155, 135 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(85, 155, 135) }
```

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

```
.border{ border-color:rgb(85, 155, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(85, 155, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 155, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 155, 135);  
box-shadow:4px 4px 4px 4px rgb(85, 155,  
135) }
```

Background

The CSS property to change the background color of an element to RGB 85, 155, 135 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 155, 135) }
```

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

```
.background{ background-color: rgb(85, 155,  
135) }
```

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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