

Converting Colors

RGB(85, 130, 135)

Have a look what the booklet for
RGB(85, 130, 135) contains.

RGB(85, 130, 135)	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(85, 130, 135)

Conversions

Conversions Part 1

Format	Color
Hex	558287
RGB	85, 130, 135
RGB Percent	33%, 51%, 53%
CMY	0.6667, 0.4902, 0.4706
CMYK	0.37, 0.04, 0.00, 0.47
HSL	186°, 23%, 43%
HSV	186°, 37%, 53%
XYZ	16.1021, 19.6458, 25.8650
YIQ	117.1150, -28.4250, -7.9850

Conversions

Conversions Part 2

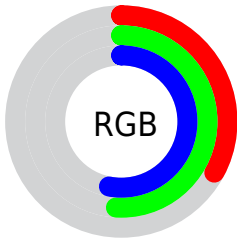
Format	Color
R_{YB}	85, 109, 135
Decimal	5603975
CIE _{Lab}	51.43, -14.00, -7.60
CIE _{LCh}	51, 15.931, 208.487
Yxy	19.6458, 0.2613, 0.3189
Android (android.graphics.Color)	4283794055 (0xFF558287)
YUV	117.1150, 8.8173, -28.1649
Hunter-Lab	44.3236, -12.7199, -3.5721

Details

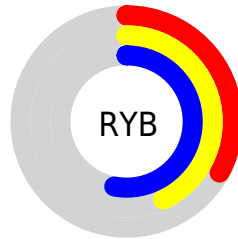
The RGB color **85, 130, 135** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **135, 90, 85**, and the grayscale version is **117, 117, 117**.

A 20% lighter version of the original color is **137, 183, 188**, and **35, 81, 85** is the 20% darker color. If you saturate the color by 10%, you get **72, 129, 135**, and if you desaturate by 10%, it is **99, 131, 135**.

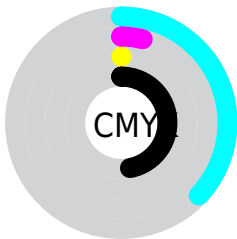
Distribution



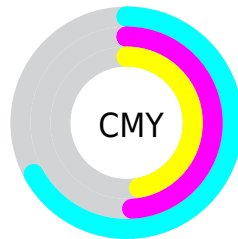
- Red (33%)
- Green (51%)
- Blue (53%)



- Red (33%)
- Yellow (43%)
- Blue (53%)



- Cyan (37%)
- Magenta (4%)
- Yellow (0%)
- Black (47%)



- Cyan (67%)
- Magenta (49%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the RGB color 85, 130, 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, 130, 135 by changing the saturation by 10% instead.



85, 130, 135



85, 130, 135

255, 255, 255



60, 105, 110



137, 183, 188



35, 81, 85



164, 211, 216



6, 57, 62



191, 239, 244



0, 36, 40



220, 255, 255



0, 11, 20



249, 255, 255



0, 0, 0



85, 130, 135



85, 130, 135



72, 129, 135



99, 131, 135



58, 127, 135



112, 133, 135

■ 45, 126, 135

■ 126, 134, 135

■ 31, 125, 135

■ 139, 135, 135

■ 18, 123, 135

■ 153, 137, 135

■ 4, 122, 135

■ 166, 138, 135

■ 0, 121, 135

■ 179, 139, 135

■ 193, 141, 135

■ 207, 142, 135

Harmonies

Analogous

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



91, 130, 121



85, 130, 135



91, 128, 145

Triad

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



85, 130, 135



140, 115, 137



134, 121, 96

Complementary

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



85, 130, 135



135, 90, 85

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.



145, 117, 100



85, 130, 135



149, 113, 124

Square

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



85, 130, 135



124, 119, 146



151, 114, 110



119, 126, 98

Rectangle

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



85, 130, 135



100, 125, 149



151, 114, 110



138, 120, 96

Sweetspot

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



85, 130, 135



157, 174, 176



85, 135, 90



78, 88, 89



217, 217, 217



89, 89, 89

Same Dimension

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



85, 130, 135



99, 168, 176



85, 105, 135



60, 66, 66



0, 117, 130



0, 2, 3

Inverse Universe

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



135, 85, 130



176, 99, 168



135, 115, 85



66, 60, 66



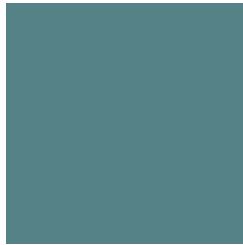
130, 0, 117



3, 0, 2

Previews

White Background



This preview shows how the RGB color 85, 130, 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, 130, 135 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

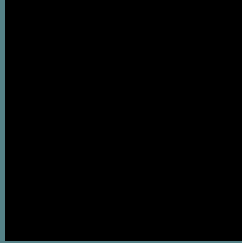
Any Text WCAG AA ✓ Pass

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, 130, 135 Background



This preview shows how black text looks on a background with the RGB color 85, 130, 135.



This preview shows how white text looks on a background with the RGB color 85, 130, 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, 130, 135

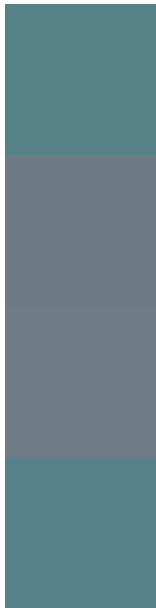
Protanopia
122, 121, 130

Deuteranopia
127, 119, 137



Tritanopia
86, 129, 140

Trichromacy



Original Color
85, 130, 135

Protanomaly
109, 124, 132

Deuteranomaly
112, 123, 136

Tritanomaly
86, 129, 138

Monochromacy



Original Color
85, 130, 135

Achromatopsia
117, 117, 117

Achromatomaly
105, 122, 124

CSS Examples

Text

The CSS property to change the color of the text to RGB 85, 130, 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, 130, 135)` looks like.

```
.text, #text, p{  
    color:rgb(85, 130, 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, 130, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 130, 135) }
```

Border

The CSS property to change the border of an element to RGB 85, 130, 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, 130, 135) }
```

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

```
.border{ border-color:rgb(85, 130, 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, 130, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 130, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 130, 135);  
box-shadow:4px 4px 4px 4px rgb(85, 130,  
135) }
```

Background

The CSS property to change the background color of an element to RGB 85, 130, 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, 130, 135) }
```

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

```
.background{ background-color: rgb(85, 130,  
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](#).

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