

# Converting Colors

RGB(85, 168, 169)

Have a look what the booklet for  
RGB(85, 168, 169) contains.

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# Color

**RGB(85, 168, 169)**

# Conversions

## Conversions Part 1

Format	Color
Hex	55A8A9
RGB	85, 168, 169
RGB Percent	33%, 66%, 66%
CMY	0.6667, 0.3412, 0.3373
CMYK	0.50, 0.01, 0.00, 0.34
HSL	181°, 33%, 50%
HSV	181°, 50%, 66%
XYZ	24.9104, 32.8011, 42.5545
YIQ	143.2970, -49.7890, -17.2850

# Conversions

## Conversions Part 2

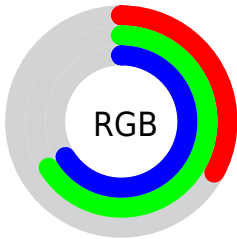
<b>Format</b>	<b>Color</b>
<b>RYB</b>	85, 127, 169
Decimal	5613737
CIELab	64.00, -24.85, -8.30
CIElCh	64, 26.198, 198.461
Yxy	32.8011, 0.2484, 0.3271
Android (android.graphics.Color)	4283803817 (0xFF55A8A9)
YUV	143.2970, 12.6716, -51.1265
Hunter-Lab	57.2723, -22.5885, -3.9631

# Details

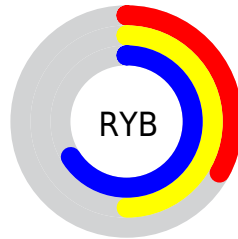
The RGB color **85, 168, 169** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **169, 86, 85**, and the grayscale version is **143, 143, 143**.

A 20% lighter version of the original color is **141, 223, 224**, and **21, 116, 117** is the 20% darker color. If you saturate the color by 10%, you get **68, 168, 169**, and if you desaturate by 10%, it is **102, 168, 169**.

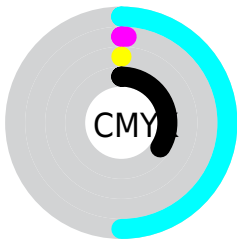
# Distribution



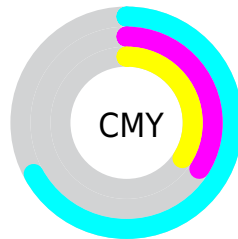
- Red (33%)
- Green (66%)
- Blue (66%)



- Red (33%)
- Yellow (50%)
- Blue (66%)



- Cyan (50%)
- Magenta (1%)
- Yellow (0%)
- Black (34%)




- Cyan (67%)
- Magenta (34%)
- Yellow (34%)

# Brightness & Saturation Gradients

These gradients show how the RGB color 85, 168, 169 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, 168, 169 by changing the saturation by 10% instead.



 85, 168, 169


255, 255, 255


 141, 223, 224


 169, 252, 253


 198, 255, 255

 227, 255, 255

 85, 168, 169

 56, 141, 143

 21, 116, 117


 0, 91, 92


 0, 67, 69


 0, 44, 47


 0, 23, 26

 0, 0, 0

 85, 168, 169

 68, 168, 169

 85, 168, 169

 102, 168, 169

■ 51, 168, 169

■ 119, 168, 169

■ 34, 167, 169

■ 136, 169, 169

■ 17, 167, 169

■ 153, 169, 169

■ 1, 167, 169

■ 169, 169, 169

■ 0, 167, 169

■ 186, 169, 169

■ 203, 169, 169

■ 220, 170, 169

■ 237, 170, 169

# Harmonies

## Analogous

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



104, 167, 145



85, 168, 169



87, 165, 189

# Triad

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



85, 168, 169



176, 144, 186



180, 151, 110

# Complementary

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



85, 168, 169



169, 86, 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.



196, 143, 121



85, 168, 169



196, 139, 165

# Square

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



85, 168, 169



146, 152, 199



202, 138, 141



157, 158, 110

# Rectangle

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



85, 168, 169



102, 162, 198



202, 138, 141



186, 148, 112



# Sweetspot

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



85, 168, 169



186, 219, 219



85, 169, 85



90, 109, 110



237, 237, 237



110, 110, 110



# Same Dimension

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



85, 168, 169



88, 218, 219



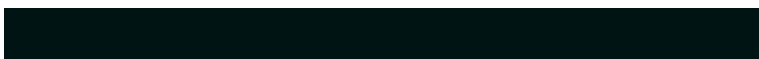
85, 127, 169



76, 84, 84



0, 146, 148



0, 20, 20



# Inverse Universe

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



169, 85, 168



219, 88, 218



169, 127, 85



84, 76, 84



148, 0, 146

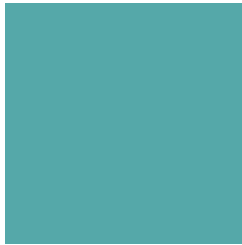


20, 0, 20



# Previews

## White Background



This preview shows how the RGB color 85, 168, 169 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 85, 168, 169 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

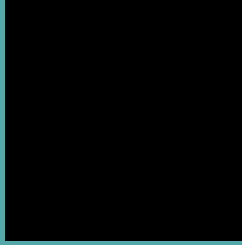
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## RGB 85, 168, 169 Background



This preview shows how black text looks on a background with the RGB color 85, 168, 169.

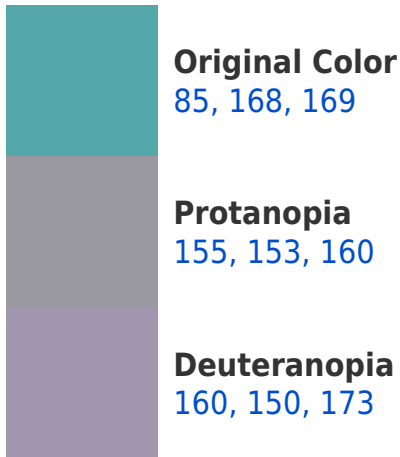


This preview shows how white text looks on a background with the RGB color 85, 168, 169.

# 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**  
89, 166, 180

# Trichromacy



**Original Color**

85, 168, 169



**Protanomaly**

130, 158, 163



**Deuteranomaly**

133, 157, 172



**Tritanomaly**

88, 167, 176

# Monochromacy



**Original Color**

85, 168, 169



**Achromatopsia**

143, 143, 143



**Achromatomaly**

122, 152, 152

# CSS Examples

## Text

The CSS property to change the color of the text to RGB 85, 168, 169 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, 168, 169)` looks like.

```
.text, #text, p{  
    color:rgb(85, 168, 169)  
}
```

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, 168, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 168, 169) }
```

## Border

The CSS property to change the border of an element to RGB 85, 168, 169 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, 168, 169) }
```

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

```
.border{ border-color:rgb(85, 168, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(85, 168, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 168, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 168, 169);  
box-shadow:4px 4px 4px 4px rgb(85, 168,  
169) }
```

# Background

The CSS property to change the background color of an element to RGB 85, 168, 169 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 168, 169) }
```

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

```
.background{ background-color: rgb(85, 168,  
169) }
```

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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