

Converting Colors

RGB(87, 157, 159)

Have a look what the booklet for
RGB(87, 157, 159) contains.

RGB(87, 157, 159)	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(87, 157, 159)

Conversions

Conversions Part 1

Format	Color
Hex	579D9F
RGB	87, 157, 159
RGB Percent	34%, 62%, 62%
CMY	0.6588, 0.3843, 0.3765
CMYK	0.45, 0.01, 0.00, 0.38
HSL	182°, 29%, 48%
HSV	182°, 45%, 62%
XYZ	22.2455, 28.6434, 37.1572
YIQ	136.2980, -42.3620, -14.2180

Conversions

Conversions Part 2

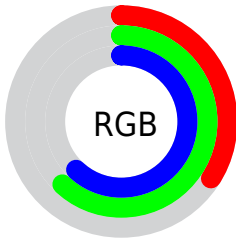
Format	Color
RYB	87, 122, 159
Decimal	5741983
CIELab	60.47, -21.46, -7.93
CIElCh	60, 22.877, 200.269
Yxy	28.6434, 0.2527, 0.3253
Android (android.graphics.Color)	4283932063 (0xFF579D9F)
YUV	136.2980, 11.1921, -43.2343
Hunter-Lab	53.5195, -19.4654, -3.6998

Details

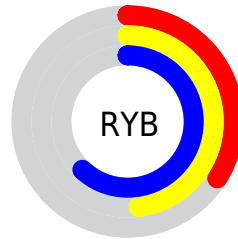
The RGB color **87, 157, 159** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **159, 89, 87**, and the grayscale version is **136, 136, 136**.

A 20% lighter version of the original color is **141, 212, 214**, and **30, 105, 108** is the 20% darker color. If you saturate the color by 10%, you get **71, 157, 159**, and if you desaturate by 10%, it is **103, 157, 159**.

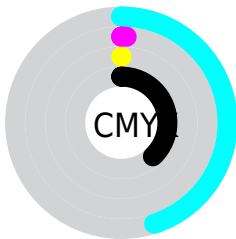
Distribution



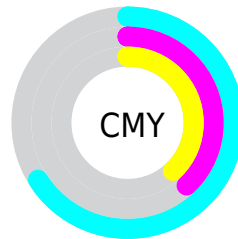
- Red (34%)
- Green (62%)
- Blue (62%)



- Red (34%)
- Yellow (48%)
- Blue (62%)



- Cyan (45%)
- Magenta (1%)
- Yellow (0%)
- Black (38%)




- Cyan (66%)
- Magenta (38%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the RGB color 87, 157, 159 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 87, 157, 159 by changing the saturation by 10% instead.

 87, 157, 159


255, 255, 255


 141, 212, 214

 169, 240, 242


 197, 255, 255

 226, 255, 255

 87, 157, 159

 60, 131, 133

 30, 105, 108


 0, 81, 83


 0, 58, 60


 0, 36, 39


 0, 4, 19

 0, 0, 0

 87, 157, 159

 71, 157, 159

 87, 157, 159

 103, 157, 159

■ 55, 156, 159

■ 119, 158, 159

■ 39, 156, 159

■ 135, 158, 159

■ 23, 155, 159

■ 151, 159, 159

■ 7, 155, 159

■ 166, 159, 159

■ 0, 155, 159

■ 182, 160, 159

■ 198, 160, 159

■ 214, 161, 159

■ 230, 161, 159

Harmonies

Analogous

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



101, 157, 138



87, 157, 159



90, 155, 176

Triad

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



87, 157, 159



165, 136, 172



167, 142, 106

Complementary

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



87, 157, 159



159, 89, 87

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.



181, 136, 116



87, 157, 159



182, 132, 153

Square

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



87, 157, 159



140, 143, 183



187, 132, 133



146, 149, 108

Rectangle

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



87, 157, 159



103, 152, 183



187, 132, 133



172, 140, 108

Sweetspot

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



87, 157, 159



178, 206, 207



87, 159, 88



87, 104, 105



232, 232, 232



105, 105, 105

Same Dimension

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



87, 157, 159



95, 203, 207



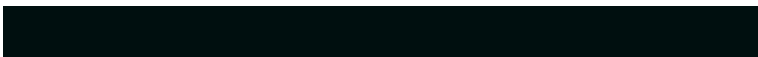
87, 122, 159



71, 79, 79



0, 139, 143



0, 15, 15

Inverse Universe

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



159, 87, 157



207, 95, 203



159, 124, 87



79, 71, 79



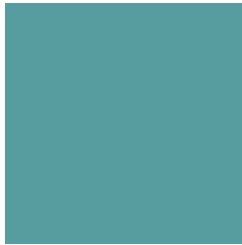
143, 0, 139



15, 0, 15

Previews

White Background



This preview shows how the RGB color 87, 157, 159 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 87, 157, 159 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

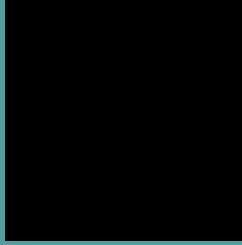
Any Text WCAG AA ✓ Pass

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 87, 157, 159 Background



This preview shows how black text looks on a background with the RGB color 87, 157, 159.

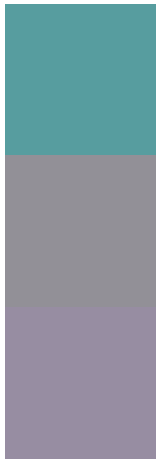


This preview shows how white text looks on a background with the RGB color 87, 157, 159.

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
87, 157, 159

Protanopia
146, 144, 151

Deuteranopia
151, 141, 162



Tritanopia
90, 156, 168

Trichromacy



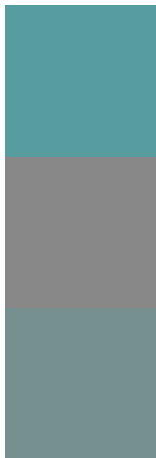
Original Color
87, 157, 159

Protanomaly
125, 149, 154

Deuteranomaly
128, 147, 161

Tritanomaly
89, 156, 165

Monochromacy



Original Color
87, 157, 159

Achromatopsia
136, 136, 136

Achromatomaly
118, 144, 144

CSS Examples

Text

The CSS property to change the color of the text to RGB 87, 157, 159 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(87, 157, 159)` looks like.

```
.text, #text, p{  
    color:rgb(87, 157, 159)  
}
```

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(87, 157, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 157, 159) }
```

Border

The CSS property to change the border of an element to RGB 87, 157, 159 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(87, 157, 159) }
```

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

```
.border{ border-color:rgb(87, 157, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(87, 157, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 157, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 157, 159);  
box-shadow:4px 4px 4px 4px rgb(87, 157,  
159) }
```

Background

The CSS property to change the background color of an element to RGB 87, 157, 159 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 157, 159) }
```

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

```
.background{ background-color: rgb(87, 157,  
159) }
```

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