

Converting Colors

RGB(87, 157, 166)

Have a look what the booklet for
RGB(87, 157, 166) contains.

RGB(87, 157, 166)	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, 166)

Conversions

Conversions Part 1

Format	Color
Hex	579DA6
RGB	87, 157, 166
RGB Percent	34%, 62%, 65%
CMY	0.6588, 0.3843, 0.3490
CMYK	0.48, 0.05, 0.00, 0.35
HSL	187°, 31%, 50%
HSV	187°, 48%, 65%
XYZ	22.8704, 28.8934, 40.4480
YIQ	137.0960, -44.6090, -12.0410

Conversions

Conversions Part 2

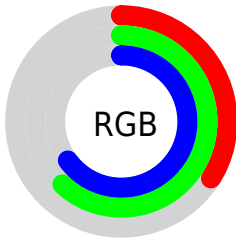
Format	Color
RYB	87, 124, 166
Decimal	5741990
CIELab	60.69, -19.56, -11.55
CIElCh	61, 22.715, 210.570
Yxy	28.8934, 0.2480, 0.3133
Android (android.graphics.Color)	4283932070 (0xFF579DA6)
YUV	137.0960, 14.2497, -43.9342
Hunter-Lab	53.7525, -18.1196, -6.9881

Details

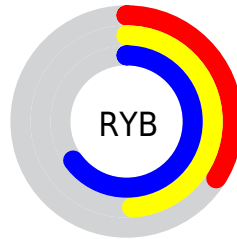
The RGB color **87, 157, 166** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **166, 96, 87**, and the grayscale version is **137, 137, 137**.

A 20% lighter version of the original color is **142, 212, 221**, and **28, 105, 114** is the 20% darker color. If you saturate the color by 10%, you get **70, 155, 166**, and if you desaturate by 10%, it is **104, 159, 166**.

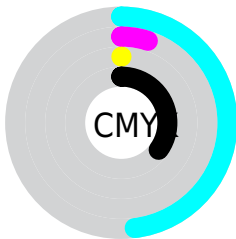
Distribution



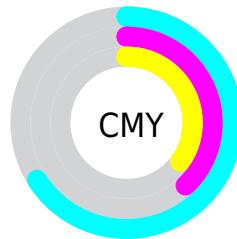
- Red (34%)
- Green (62%)
- Blue (65%)



- Red (34%)
- Yellow (49%)
- Blue (65%)



- Cyan (48%)
- Magenta (5%)
- Yellow (0%)
- Black (35%)




- Cyan (66%)
- Magenta (38%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the RGB color 87, 157, 166 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, 166 by changing the saturation by 10% instead.

 87, 157, 166


255, 255, 255


 142, 212, 221


 170, 240, 250


 198, 255, 255

 227, 255, 255

 87, 157, 166

 59, 131, 140

 28, 105, 114


 0, 81, 90


 0, 58, 66


 0, 36, 44


 0, 6, 24

 0, 0, 0

 87, 157, 166

 70, 155, 166

 87, 157, 166

 104, 159, 166

■ 54, 153, 166

■ 120, 161, 166

■ 37, 151, 166

■ 137, 163, 166

■ 21, 149, 166

■ 153, 165, 166

■ 4, 148, 166

■ 170, 166, 166

■ 0, 147, 166

■ 187, 168, 166

■ 203, 170, 166

■ 220, 172, 166

■ 236, 174, 166

Harmonies

Analogous

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



96, 158, 146



87, 157, 166



97, 154, 181

Triad

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



87, 157, 166



173, 135, 166



161, 145, 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, 166



166, 96, 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.



178, 138, 112



87, 157, 166



185, 132, 147

Square

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



87, 157, 166



150, 141, 181



187, 133, 127



139, 151, 112

Rectangle

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



87, 157, 166



113, 150, 185



187, 133, 127



167, 143, 107

Sweetspot

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



87, 157, 166



186, 213, 217



87, 166, 95



91, 108, 110



237, 237, 237



110, 110, 110

Same Dimension

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



87, 157, 166



93, 203, 217



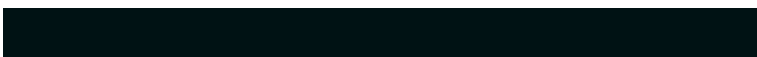
87, 119, 166



76, 83, 84



0, 131, 148



0, 18, 20

Inverse Universe

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



166, 87, 157



217, 93, 203



166, 134, 87



84, 76, 83



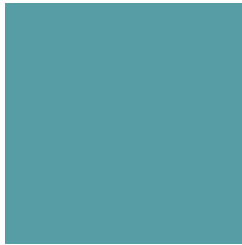
148, 0, 131



20, 0, 18

Previews

White Background



This preview shows how the RGB color 87, 157, 166 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, 166 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

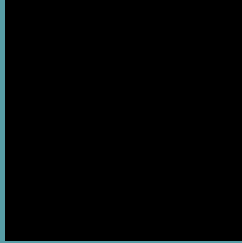
Any Text WCAG AA ✓ Pass

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, 166 Background



This preview shows how black text looks on a background with the RGB color 87, 157, 166.

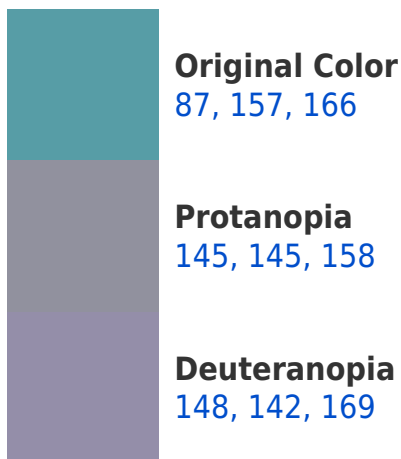


This preview shows how white text looks on a background with the RGB color 87, 157, 166.

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
88, 157, 169

Trichromacy



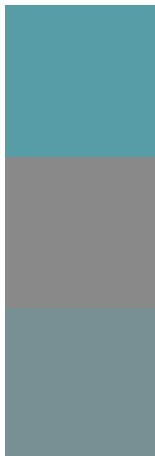
Original Color
87, 157, 166

Protanomaly
124, 149, 161

Deuteranomaly
126, 147, 168

Tritanomaly
88, 157, 168

Monochromacy



Original Color
87, 157, 166

Achromatopsia
137, 137, 137

Achromatomaly
119, 144, 148

CSS Examples

Text

The CSS property to change the color of the text to RGB 87, 157, 166 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, 166)` looks like.

```
.text, #text, p{  
    color:rgb(87, 157, 166)  
}
```

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, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 157, 166) }
```

Border

The CSS property to change the border of an element to RGB 87, 157, 166 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, 166) }
```

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

```
.border{ border-color:rgb(87, 157, 166) }
```

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, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 157, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 157, 166);  
box-shadow:4px 4px 4px 4px rgb(87, 157,  
166) }
```

Background

The CSS property to change the background color of an element to RGB 87, 157, 166 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, 166) }
```

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

```
.background{ background-color: rgb(87, 157,  
166) }
```

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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