

Converting Colors

RGB(95, 168, 178)

Have a look what the booklet for
RGB(95, 168, 178) contains.

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Color

RGB(95, 168, 178)

Conversions

Conversions Part 1

Format	Color
Hex	5FA8B2
RGB	95, 168, 178
RGB Percent	37%, 66%, 70%
CMY	0.6275, 0.3412, 0.3020
CMYK	0.47, 0.06, 0.00, 0.30
HSL	187°, 35%, 54%
HSV	187°, 47%, 70%
XYZ	26.7578, 33.6525, 47.2048
YIQ	147.3130, -46.7180, -12.3660

Conversions

Conversions Part 2

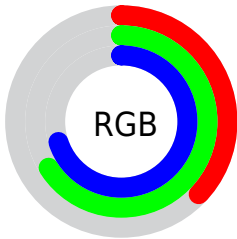
Format	Color
RYB	95, 134, 178
Decimal	6269106
CIELab	64.69, -20.09, -12.26
CIELCh	65, 23.529, 211.392
Yxy	33.6525, 0.2486, 0.3127
Android (android.graphics.Color)	4284459186 (0xFF5FA8B2)
YUV	147.3130, 15.1287, -45.8785
Hunter-Lab	58.0108, -19.1847, -7.6382

Details

The RGB color **95, 168, 178** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **178, 105, 95**, and the grayscale version is **147, 147, 147**.

A 20% lighter version of the original color is **150, 223, 234**, and **37, 116, 125** is the 20% darker color. If you saturate the color by 10%, you get **77, 166, 178**, and if you desaturate by 10%, it is **113, 170, 178**.

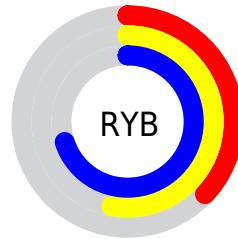
Distribution



Red (37%)

Green (66%)

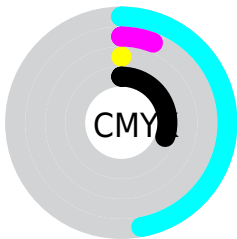
Blue (70%)



Red (37%)

Yellow (53%)

Blue (70%)

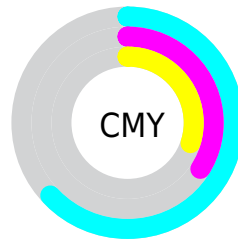


Cyan (47%)

Magenta (6%)

Yellow (0%)

Black (30%)



Cyan (63%)


Magenta (34%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the RGB color 95, 168, 178 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 95, 168, 178 by changing the saturation by 10% instead.

 95, 168, 178


255, 255, 255


 150, 223, 234


 179, 252, 255

 207, 255, 255

 236, 255, 255

 95, 168, 178

 67, 141, 151

 37, 116, 125

 0, 91, 100


 0, 67, 77


 0, 45, 54

 0, 26, 32

 0, 0, 8

 0, 0, 0

 95, 168, 178

 95, 168, 178

■ 77, 166, 178

■ 113, 170, 178

■ 59, 164, 178

■ 131, 172, 178

■ 42, 162, 178

■ 148, 174, 178

■ 24, 159, 178

■ 166, 177, 178

■ 6, 157, 178

■ 184, 179, 178

■ 0, 157, 178

■ 202, 181, 178

■ 220, 183, 178

■ 237, 185, 178

■ 255, 187, 178

Harmonies

Analogous

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



104, 169, 157



95, 168, 178



106, 164, 193

Triad

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



95, 168, 178



185, 145, 177



171, 156, 115

Complementary

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



95, 168, 178



178, 105, 95

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.



189, 149, 121



95, 168, 178



198, 142, 157

Square

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



95, 168, 178



162, 151, 193



199, 143, 136



149, 162, 121

Rectangle

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



95, 168, 178



123, 161, 198



199, 143, 136



178, 153, 116

Sweetspot

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



95, 168, 178



200, 228, 232



95, 178, 105



97, 115, 117



245, 245, 245



117, 117, 117

Same Dimension

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



95, 168, 178



102, 216, 232



95, 127, 178



80, 88, 89



0, 135, 153



0, 22, 26

Inverse Universe

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



178, 95, 168



232, 102, 216



178, 146, 95



89, 80, 88



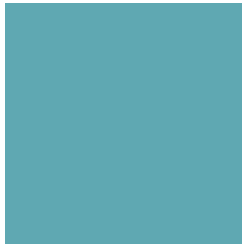
153, 0, 135



26, 0, 22

Previews

White Background



This preview shows how the RGB color 95, 168, 178 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 95, 168, 178 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

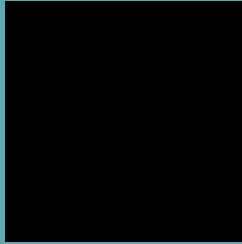
Any Text WCAG AA ✓ Pass

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 95, 168, 178 Background



This preview shows how black text looks on a background with the RGB color 95, 168, 178.

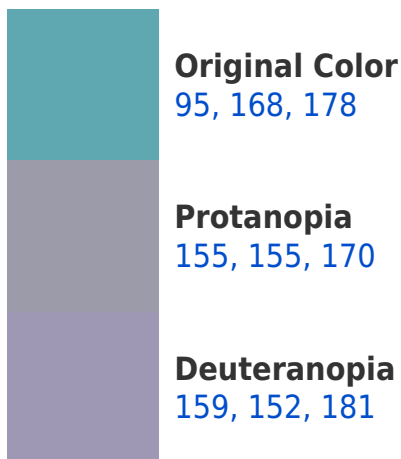


This preview shows how white text looks on a background with the RGB color 95, 168, 178.

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
96, 168, 181

Trichromacy



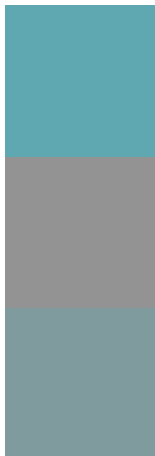
Original Color
95, 168, 178

Protanomaly
133, 160, 173

Deuteranomaly
136, 158, 180

Tritanomaly
96, 168, 180

Monochromacy



Original Color
95, 168, 178

Achromatopsia
147, 147, 147

Achromatomaly
128, 155, 158

CSS Examples

Text

The CSS property to change the color of the text to RGB 95, 168, 178 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(95, 168, 178)` looks like.

```
.text, #text, p{  
    color:rgb(95, 168, 178)  
}
```

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(95, 168, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 168, 178) }
```

Border

The CSS property to change the border of an element to RGB 95, 168, 178 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(95, 168, 178) }
```

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

```
.border{ border-color:rgb(95, 168, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 168, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 168, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 168, 178);  
box-shadow:4px 4px 4px 4px rgb(95, 168,  
178) }
```

Background

The CSS property to change the background color of an element to RGB 95, 168, 178 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 168, 178) }
```

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

```
.background{ background-color: rgb(95, 168,  
178) }
```

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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