

Converting Colors

RGB(95, 158, 169)

Have a look what the booklet for
RGB(95, 158, 169) contains.

RGB(95, 158, 169)	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(95, 158, 169)

Conversions

Conversions Part 1

Format	Color
Hex	5F9EA9
RGB	95, 158, 169
RGB Percent	37%, 62%, 66%
CMY	0.6275, 0.3804, 0.3373
CMYK	0.44, 0.07, 0.00, 0.34
HSL	189°, 30%, 52%
HSV	189°, 44%, 66%
XYZ	24.1076, 29.7512, 42.0081
YIQ	140.4170, -41.0790, -9.9350

Conversions

Conversions Part 2

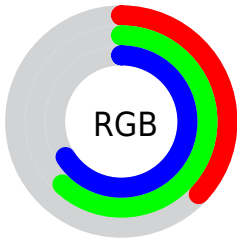
Format	Color
R_{YB}	95, 129, 169
Decimal	6266537
CIE _{Lab}	61.44, -17.29, -12.08
CIE _{LCh}	61, 21.091, 214.950
Y _{xy}	29.7512, 0.2515, 0.3103
Android (android.graphics.Color)	4284456617 (0xFF5F9EA9)
YUV	140.4170, 14.0914, -39.8307
Hunter-Lab	54.5447, -16.5598, -7.4815

Details

The RGB color **95, 158, 169** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **169, 106, 95**, and the grayscale version is **140, 140, 140**.

A 20% lighter version of the original color is **149, 213, 224**, and **40, 106, 117** is the 20% darker color. If you saturate the color by 10%, you get **78, 155, 169**, and if you desaturate by 10%, it is **112, 161, 169**.

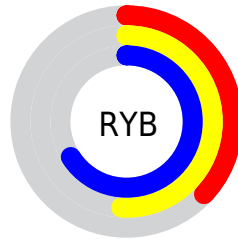
Distribution



Red (37%)

Green (62%)

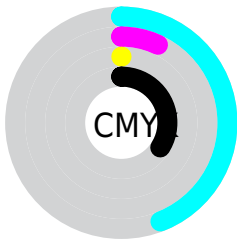
Blue (66%)



Red (37%)

Yellow (51%)

Blue (66%)

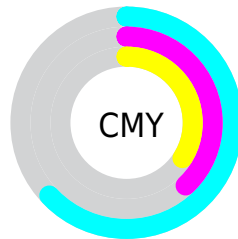


Cyan (44%)

Magenta (7%)

Yellow (0%)

Black (34%)



Cyan (63%)


Magenta (38%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the RGB color 95, 158, 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 95, 158, 169 by changing the saturation by 10% instead.

 95, 158, 169


255, 255, 255


 149, 213, 224


 177, 241, 253


 206, 255, 255

 235, 255, 255

 95, 158, 169


 68, 132, 143

 40, 106, 117


 1, 82, 92


 0, 59, 69


 0, 37, 47


 0, 11, 26

 0, 0, 0

 95, 158, 169

 78, 155, 169

 95, 158, 169

 112, 161, 169

61, 153, 169

129, 163, 169

44, 150, 169

146, 166, 169

27, 148, 169

163, 168, 169

11, 145, 169

179, 171, 169

0, 144, 169

196, 173, 169

213, 176, 169

230, 178, 169

247, 181, 169

Harmonies

Analogous

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



100, 159, 151



95, 158, 169



107, 155, 182

Triad

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



95, 158, 169



175, 137, 164



159, 148, 111

Complementary

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



95, 158, 169



169, 106, 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.



176, 142, 115



95, 158, 169



186, 135, 146

Square

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



95, 158, 169



155, 143, 179



185, 137, 128



139, 154, 117

Rectangle

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



95, 158, 169



122, 151, 185



185, 137, 128



165, 146, 111

Sweetspot

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



95, 158, 169



191, 215, 219



95, 169, 105



92, 107, 110



237, 237, 237



110, 110, 110

Same Dimension

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



95, 158, 169



103, 202, 219



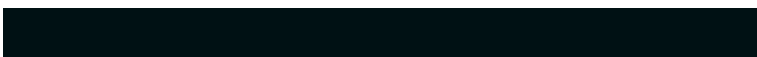
95, 122, 169



76, 83, 84



0, 126, 148



0, 17, 20

Inverse Universe

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



169, 95, 158



219, 103, 202



169, 142, 95



84, 76, 83



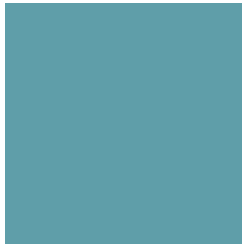
148, 0, 126



20, 0, 17

Previews

White Background



This preview shows how the RGB color 95, 158, 169 looks on a white background.

Color Contrast Check

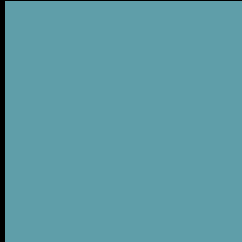
Large Text (above 18pt) WCAG AA ✓ Pass

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 95, 158, 169 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

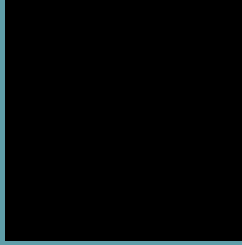
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

RGB 95, 158, 169 Background



This preview shows how black text looks on a background with the RGB color 95, 158, 169.



This preview shows how white text looks on a background with the RGB color 95, 158, 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



Original Color
95, 158, 169

Protanopia
146, 147, 162

Deuteranopia
150, 144, 172



Tritanopia
95, 158, 170

Trichromacy



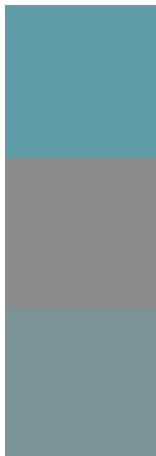
Original Color
95, 158, 169

Protanomaly
127, 151, 165

Deuteranomaly
130, 149, 171

Tritanomaly
95, 158, 170

Monochromacy



Original Color
95, 158, 169

Achromatopsia
140, 140, 140

Achromatomaly
124, 147, 151

CSS Examples

Text

The CSS property to change the color of the text to RGB 95, 158, 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(95, 158, 169)` looks like.

```
.text, #text, p{  
    color:rgb(95, 158, 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(95, 158, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 158, 169) }
```

Border

The CSS property to change the border of an element to RGB 95, 158, 169 is called "border". The border property can be set on classes, ids or directly on the HTML element.

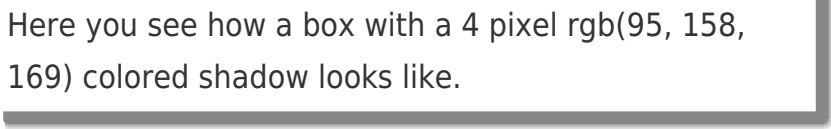
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(95, 158, 169) }
```

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

```
.border{ border-color:rgb(95, 158, 169) }
```

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



Here you see how a box with a 4 pixel `rgb(95, 158, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 158, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 158, 169);  
box-shadow:4px 4px 4px 4px rgb(95, 158,  
169) }
```

Background

The CSS property to change the background color of an element to RGB 95, 158, 169 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 158, 169) }
```

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

```
.background{ background-color: rgb(95, 158,  
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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