

Converting Colors

RGB(117, 163, 158)

Have a look what the booklet for
RGB(117, 163, 158) contains.

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Color

RGB(117, 163, 158)

Conversions

Conversions Part 1

Format	Color
Hex	75A39E
RGB	117, 163, 158
RGB Percent	46%, 64%, 62%
CMY	0.5412, 0.3608, 0.3804
CMYK	0.28, 0.00, 0.03, 0.36
HSL	173°, 20%, 55%
HSV	173°, 28%, 64%
XYZ	26.6049, 32.4449, 37.2080
YIQ	148.6760, -25.8110, -11.3070

Conversions

Conversions Part 2

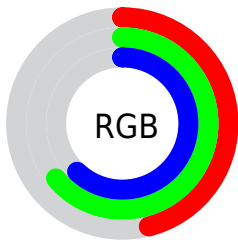
Format	Color
RYB	117, 141, 163
Decimal	7709598
CIELab	63.71, -16.50, -2.40
CIELCh	64, 16.673, 188.266
Yxy	32.4449, 0.2764, 0.3371
Android (android.graphics.Color)	4285899678 (0xFF75A39E)
YUV	148.6760, 4.5967, -27.7799
Hunter-Lab	56.9604, -16.3077, 1.1426

Details

The RGB color **117, 163, 158** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **163, 117, 122**, and the grayscale version is **149, 149, 149**.

A 20% lighter version of the original color is **170, 218, 213**, and **67, 111, 107** is the 20% darker color. If you saturate the color by 10%, you get **101, 163, 156**, and if you desaturate by 10%, it is **133, 163, 160**.

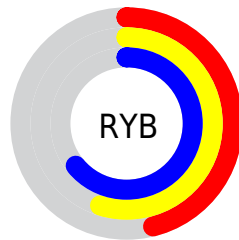
Distribution



Red (46%)

Green (64%)

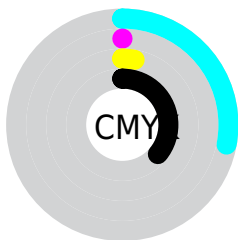
Blue (62%)



Red (46%)

Yellow (55%)

Blue (64%)

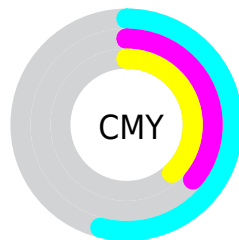


Cyan (28%)

Magenta (0%)

Yellow (3%)

Black (36%)



Cyan (54%)


Magenta (36%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the RGB color 117, 163, 158 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 117, 163, 158 by changing the saturation by 10% instead.

 117, 163, 158


255, 255, 255


 170, 218, 213

 198, 247, 241

 226, 255, 255

 117, 163, 158

 91, 137, 132

 67, 111, 107

 42, 87, 83

 16, 63, 60

 0, 41, 38

 0, 22, 17

 0, 0, 0

 117, 163, 158

 101, 163, 156

 117, 163, 158

 133, 163, 160

84, 163, 154

150, 163, 162

68, 163, 153

166, 163, 163

52, 163, 151

182, 163, 165

36, 163, 149

199, 163, 167

19, 163, 147

215, 163, 169

3, 163, 146

231, 163, 170

0, 163, 145

247, 163, 172

255, 163, 174

Harmonies

Analogous

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



129, 162, 143



117, 163, 158



115, 162, 172

Triad

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



117, 163, 158



162, 149, 178



176, 150, 127

Complementary

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



117, 163, 158



163, 117, 122

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.



184, 146, 137



117, 163, 158



177, 145, 166

Square

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



117, 163, 158



143, 154, 183



185, 144, 151



162, 155, 125

Rectangle

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



117, 163, 158



121, 160, 179



185, 144, 151



179, 148, 130

Sweetspot

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



117, 163, 158



195, 212, 210



122, 163, 117



96, 107, 106



235, 235, 235



107, 107, 107

Same Dimension

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



117, 163, 158



140, 212, 204



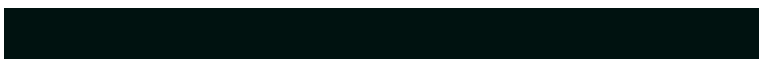
117, 145, 163



73, 82, 81



0, 145, 130



0, 18, 16

Inverse Universe

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



163, 117, 122



212, 140, 148



163, 135, 117



82, 73, 74



145, 0, 16



18, 0, 2

Previews

White Background



This preview shows how the RGB color 117, 163, 158 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 117, 163, 158 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

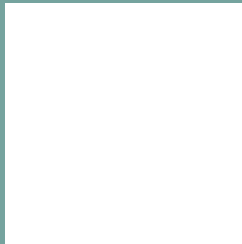
Any Text WCAG AAA ✓ Pass

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

RGB 117, 163, 158 Background



This preview shows how black text looks on a background with the RGB color 117, 163, 158.

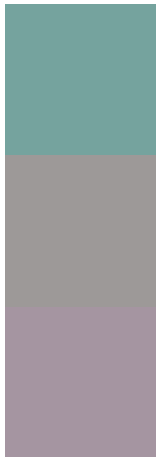


This preview shows how white text looks on a background with the RGB color 117, 163, 158.

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
117, 163, 158

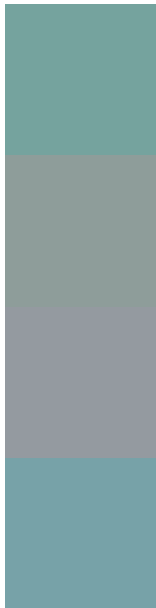
Protanopia
157, 153, 152

Deuteranopia
165, 149, 161



Tritanopia
120, 161, 174

Trichromacy



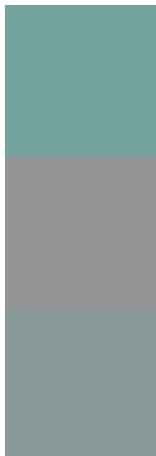
Original Color
117, 163, 158

Protanomaly
142, 157, 154

Deuteranomaly
148, 154, 160

Tritanomaly
119, 162, 168

Monochromacy



Original Color
117, 163, 158

Achromatopsia
149, 149, 149

Achromatomaly
137, 154, 152

CSS Examples

Text

The CSS property to change the color of the text to RGB 117, 163, 158 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(117, 163, 158)` looks like.

```
.text, #text, p{  
    color:rgb(117, 163, 158)  
}
```

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(117, 163, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 163, 158) }
```

Border

The CSS property to change the border of an element to RGB 117, 163, 158 is called "border". The border property can be set on classes, ids or directly on the HTML element.

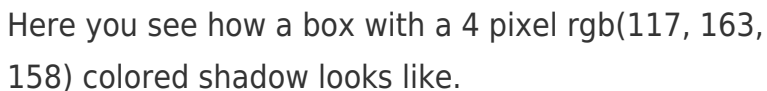
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(117, 163, 158) }
```

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

```
.border{ border-color:rgb(117, 163, 158) }
```

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



Here you see how a box with a 4 pixel `rgb(117, 163, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(117, 163, 158); -webkit-box-shadow:4px 4px 4px 4px rgb(117, 163, 158); box-shadow:4px 4px 4px 4px rgb(117, 163, 158) }
```

Background

The CSS property to change the background color of an element to RGB 117, 163, 158 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 163, 158) }
```

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

```
.background{ background-color: rgb(117,  
163, 158) }
```

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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