

Converting Colors

RGB(118, 156, 168)

Have a look what the booklet for
RGB(118, 156, 168) contains.

RGB(118, 156, 168)	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(118, 156, 168)

Conversions

Conversions Part 1

Format	Color
Hex	769CA8
RGB	118, 156, 168
RGB Percent	46%, 61%, 66%
CMY	0.5373, 0.3882, 0.3412
CMYK	0.30, 0.07, 0.00, 0.34
HSL	194°, 22%, 56%
HSV	194°, 30%, 66%
XYZ	26.4276, 30.4556, 41.5314
YIQ	146.0060, -26.5000, -4.3240

Conversions

Conversions Part 2

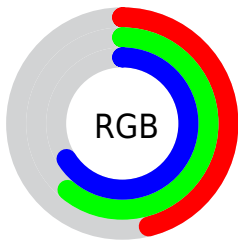
Format	Color
RYB	118, 140, 168
Decimal	7773352
CIELab	62.05, -10.06, -10.48
CIElCh	62, 14.528, 226.187
Yxy	30.4556, 0.2685, 0.3095
Android (android.graphics.Color)	4285963432 (0xFF769CA8)
YUV	146.0060, 10.8430, -24.5613
Hunter-Lab	55.1866, -11.0972, -5.9888

Details

The RGB color **118, 156, 168** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **168, 130, 118**, and the grayscale version is **146, 146, 146**.

A 20% lighter version of the original color is **171, 211, 223**, and **67, 105, 116** is the 20% darker color. If you saturate the color by 10%, you get **101, 152, 168**, and if you desaturate by 10%, it is **135, 160, 168**.

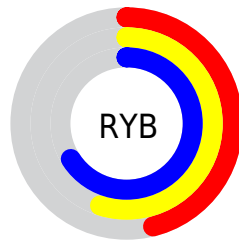
Distribution



Red (46%)

Green (61%)

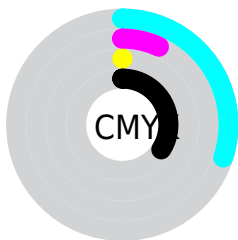
Blue (66%)



Red (46%)

Yellow (55%)

Blue (66%)

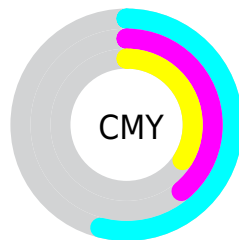


Cyan (30%)

Magenta (7%)

Yellow (0%)

Black (34%)



Cyan (54%)

Magenta (39%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the RGB color 118, 156, 168 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 118, 156, 168 by changing the saturation by 10% instead.

 118, 156, 168


255, 255, 255


 171, 211, 223

 199, 239, 252

 228, 255, 255

 118, 156, 168

 92, 130, 142

 67, 105, 116

 43, 81, 91

 17, 58, 68

 0, 36, 46

 0, 15, 25

 0, 0, 0

 118, 156, 168

 101, 152, 168

 118, 156, 168

 135, 160, 168

84, 148, 168

152, 164, 168

68, 144, 168

168, 168, 168

51, 140, 168

185, 172, 168

34, 136, 168

202, 176, 168

17, 132, 168

219, 180, 168

0, 128, 168

236, 184, 168

0, 128, 168

252, 188, 168

255, 192, 168

Harmonies

Analogous

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



117, 157, 157



118, 156, 168



129, 153, 175

Triad

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



118, 156, 168



172, 142, 156



153, 151, 125

Complementary

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



118, 156, 168



168, 130, 118

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.



166, 147, 125



118, 156, 168



177, 141, 143

Square

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



118, 156, 168



161, 144, 168



175, 143, 132



138, 155, 132

Rectangle

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



118, 156, 168



139, 150, 175



175, 143, 132



157, 150, 124

Sweetspot

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



118, 156, 168



200, 215, 219



118, 168, 130



98, 107, 110



237, 237, 237



110, 110, 110

Same Dimension

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



118, 156, 168



140, 200, 219



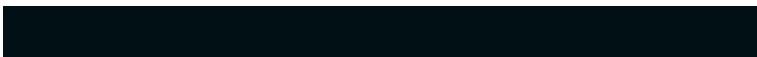
118, 131, 168



76, 82, 84



0, 112, 148



0, 16, 20

Inverse Universe

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



168, 118, 156



219, 140, 200



168, 155, 118



84, 76, 82



148, 0, 112



20, 0, 16

Previews

White Background



This preview shows how the RGB color 118, 156, 168 looks on a white background.

Color Contrast Check

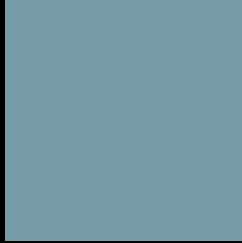
Large Text (above 18pt) WCAG AA × Fail

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 118, 156, 168 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

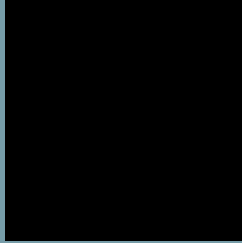
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

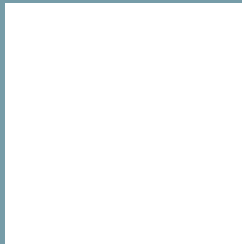
Any Text WCAG AAA ✓ Pass

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

RGB 118, 156, 168 Background



This preview shows how black text looks on a background with the RGB color 118, 156, 168.



This preview shows how white text looks on a background with the RGB color 118, 156, 168.

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
118, 156, 168

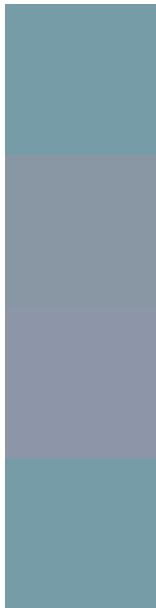
Protanopia
148, 148, 163

Deuteranopia
154, 146, 170



Tritanopia
118, 156, 168

Trichromacy



Original Color

118, 156, 168

Protanomaly

137, 151, 165

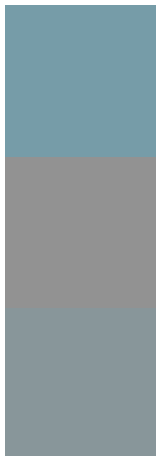
Deuteranomaly

141, 150, 169

Tritanomaly

118, 156, 168

Monochromacy



Original Color

118, 156, 168

Achromatopsia

146, 146, 146

Achromatomaly

136, 150, 154

CSS Examples

Text

The CSS property to change the color of the text to RGB 118, 156, 168 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(118, 156, 168)` looks like.

```
.text, #text, p{  
    color:rgb(118, 156, 168)  
}
```

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(118, 156, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 156, 168) }
```

Border

The CSS property to change the border of an element to RGB 118, 156, 168 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(118, 156, 168) }
```

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

```
.border{ border-color:rgb(118, 156, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 156, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 156, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 156, 168);  
box-shadow:4px 4px 4px 4px rgb(118, 156,  
168) }
```

Background

The CSS property to change the background color of an element to RGB 118, 156, 168 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 156, 168) }
```

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

```
.background{ background-color: rgb(118,  
156, 168) }
```

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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