

Converting Colors

RGB(117, 156, 138)

Have a look what the booklet for
RGB(117, 156, 138) contains.

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Color

RGB(117, 156, 138)

Conversions

Conversions Part 1

Format	Color
Hex	759C8A
RGB	117, 156, 138
RGB Percent	46%, 61%, 54%
CMY	0.5412, 0.3882, 0.4588
CMYK	0.25, 0.00, 0.12, 0.39
HSL	152°, 16%, 54%
HSV	152°, 25%, 61%
XYZ	23.8120, 29.3938, 28.4633
YIQ	142.2870, -17.4660, -13.8660

Conversions

Conversions Part 2

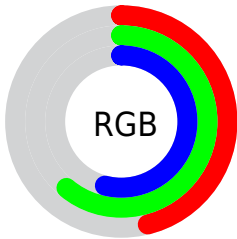
Format	Color
RYB	117, 142, 156
Decimal	7707786
CIELab	61.13, -17.24, 5.10
CIElCh	61, 17.982, 163.531
Yxy	29.3938, 0.2916, 0.3599
Android (android.graphics.Color)	4285897866 (0xFF759C8A)
YUV	142.2870, -2.1135, -22.1767
Hunter-Lab	54.2161, -16.4798, 6.8241

Details

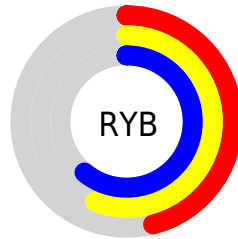
The RGB color **117, 156, 138** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **156, 117, 135**, and the grayscale version is **142, 142, 142**.

A 20% lighter version of the original color is **170, 211, 191**, and **68, 105, 88** is the 20% darker color. If you saturate the color by 10%, you get **101, 156, 131**, and if you desaturate by 10%, it is **133, 156, 145**.

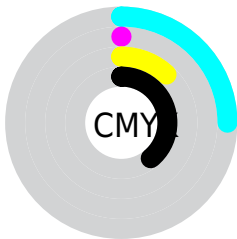
Distribution



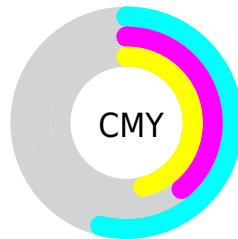
- Red (46%)
- Green (61%)
- Blue (54%)



- Red (46%)
- Yellow (56%)
- Blue (61%)



- Cyan (25%)
- Magenta (0%)
- Yellow (12%)
- Black (39%)



- Cyan (54%)
- Magenta (39%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the RGB color 117, 156, 138 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, 156, 138 by changing the saturation by 10% instead.

 117, 156, 138


255, 255, 255


 170, 211, 191

 197, 239, 219


 226, 255, 248

254, 255, 255

 117, 156, 138


 101, 156, 131

 117, 156, 138

 92, 130, 113

 68, 105, 88


 44, 80, 65

 21, 57, 43

 0, 35, 22

 0, 8, 0

 0, 0, 0

 117, 156, 138

 133, 156, 145

■ 86, 156, 124

■ 148, 156, 152

■ 70, 156, 116

■ 164, 156, 160

■ 55, 156, 109

■ 179, 156, 167

■ 39, 156, 102

■ 195, 156, 174

■ 23, 156, 95

■ 211, 156, 181

■ 8, 156, 88

■ 226, 156, 188

■ 0, 156, 84

■ 242, 156, 196

■ 255, 156, 203

Harmonies

Analogous

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



134, 153, 124



117, 156, 138



106, 157, 154

Triad

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



117, 156, 138



139, 146, 178



178, 139, 126

Complementary

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



117, 156, 138



156, 117, 135

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.



180, 136, 141



117, 156, 138



159, 141, 171

Square

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



117, 156, 138



118, 152, 178



174, 137, 157



168, 144, 117

Rectangle

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



117, 156, 138



104, 156, 164



174, 137, 157



180, 138, 131

Sweetspot

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



117, 156, 138



188, 204, 196



135, 156, 117



92, 102, 97



230, 230, 230



102, 102, 102

Same Dimension

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



117, 156, 138



143, 204, 176



117, 155, 156



71, 79, 75



0, 143, 77



0, 15, 8

Inverse Universe

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



156, 117, 135



204, 143, 171



156, 118, 117



79, 71, 75



143, 0, 66



15, 0, 7

Previews

White Background



This preview shows how the RGB color 117, 156, 138 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 117, 156, 138 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

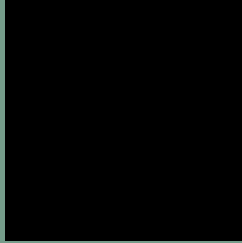
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

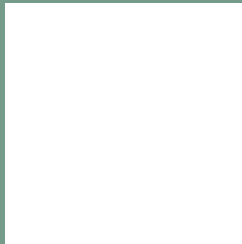
Any Text WCAG AAA × Fail

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

RGB 117, 156, 138 Background



This preview shows how black text looks on a background with the RGB color 117, 156, 138.

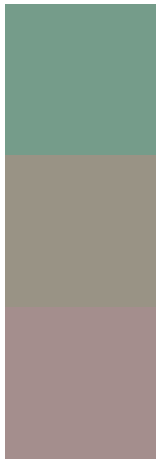


This preview shows how white text looks on a background with the RGB color 117, 156, 138.

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, 156, 138

Protanopia
153, 147, 133

Deuteranopia
164, 142, 141



Tritanopia
122, 152, 164

Trichromacy



Original Color

117, 156, 138

Protanomaly

140, 150, 135

Deuteranomaly

147, 147, 140

Tritanomaly

120, 153, 155

Monochromacy



Original Color

117, 156, 138

Achromatopsia

142, 142, 142

Achromatomaly

133, 147, 141

CSS Examples

Text

The CSS property to change the color of the text to RGB 117, 156, 138 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, 156, 138)` looks like.

```
.text, #text, p{  
    color:rgb(117, 156, 138)  
}
```

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, 156, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 156, 138) }
```

Border

The CSS property to change the border of an element to RGB 117, 156, 138 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, 156, 138) }
```

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

```
.border{ border-color:rgb(117, 156, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 156, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 156, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 156, 138);  
box-shadow:4px 4px 4px 4px rgb(117, 156,  
138) }
```

Background

The CSS property to change the background color of an element to RGB 117, 156, 138 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 156, 138) }
```

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

```
.background{ background-color: rgb(117,  
156, 138) }
```

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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