

Converting Colors

RGB(117, 163, 142)

Have a look what the booklet for
RGB(117, 163, 142) contains.

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Color

RGB(117, 163, 142)

Conversions

Conversions Part 1

Format	Color
Hex	75A38E
RGB	117, 163, 142
RGB Percent	46%, 64%, 56%
CMY	0.5412, 0.3608, 0.4431
CMYK	0.28, 0.00, 0.13, 0.36
HSL	153°, 20%, 55%
HSV	153°, 28%, 64%
XYZ	25.3158, 31.9293, 30.4199
YIQ	146.8520, -20.6750, -16.2830

Conversions

Conversions Part 2

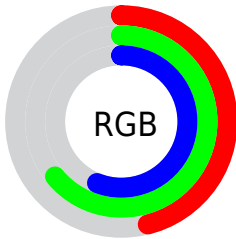
Format	Color
RYB	117, 147, 163
Decimal	7709582
CIELab	63.28, -20.04, 5.95
CIELCh	63, 20.906, 163.461
Yxy	31.9293, 0.2888, 0.3642
Android (android.graphics.Color)	4285899662 (0xFF75A38E)
YUV	146.8520, -2.3920, -26.1802
Hunter-Lab	56.5060, -18.9140, 7.6356

Details

The RGB color **117, 163, 142** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **163, 117, 138**, and the grayscale version is **147, 147, 147**.

A 20% lighter version of the original color is **170, 218, 196**, and **67, 111, 92** is the 20% darker color. If you saturate the color by 10%, you get **101, 163, 135**, and if you desaturate by 10%, it is **133, 163, 149**.

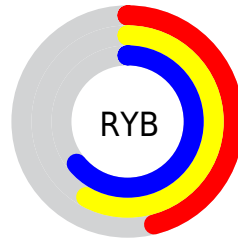
Distribution



Red (46%)

Green (64%)

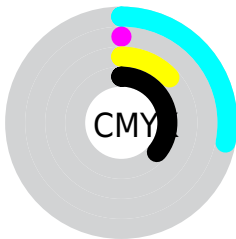
Blue (56%)



Red (46%)

Yellow (58%)

Blue (64%)

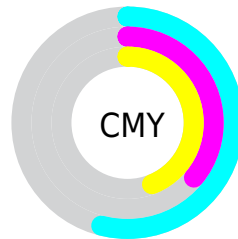


Cyan (28%)

Magenta (0%)

Yellow (13%)

Black (36%)



Cyan (54%)

Magenta (36%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the RGB color 117, 163, 142 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, 142 by changing the saturation by 10% instead.

 117, 163, 142

255, 255, 255


 170, 218, 196

 198, 247, 224


 226, 255, 252

255, 255, 255


 117, 163, 142

 101, 163, 135

 117, 163, 142

 92, 137, 116


 67, 111, 92

 43, 87, 68

 18, 63, 46


 0, 41, 25

 0, 20, 0


 0, 0, 0

 117, 163, 142


 133, 163, 149

 84, 163, 127


 150, 163, 157

 68, 163, 120

 166, 163, 164

 52, 163, 112


 182, 163, 172


 36, 163, 105


 199, 163, 179

 19, 163, 97

 215, 163, 187

 3, 163, 90

 231, 163, 194

 0, 163, 89

 247, 163, 202

 255, 163, 209

Harmonies

Analogous

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



137, 160, 126



117, 163, 142



103, 164, 161

Triad

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



117, 163, 142



142, 152, 189



188, 143, 128

Complementary

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



117, 163, 142



163, 117, 138

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.



191, 140, 145



117, 163, 142



167, 146, 180

Square

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



117, 163, 142



118, 158, 188



184, 141, 164



177, 148, 118

Rectangle

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



117, 163, 142



100, 163, 173



184, 141, 164



190, 142, 134

Sweetspot

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



117, 163, 142



195, 212, 204



138, 163, 117



96, 107, 102



235, 235, 235



107, 107, 107

Same Dimension

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



117, 163, 142



140, 212, 179



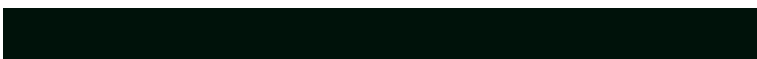
117, 161, 163



73, 82, 78



0, 145, 79



0, 18, 10

Inverse Universe

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



163, 117, 138



212, 140, 173



163, 119, 117



82, 73, 77



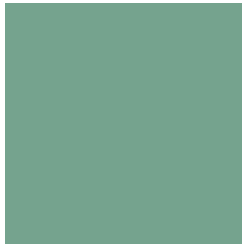
145, 0, 66



18, 0, 8

Previews

White Background



This preview shows how the RGB color 117, 163, 142 looks on a white background.

Color Contrast Check

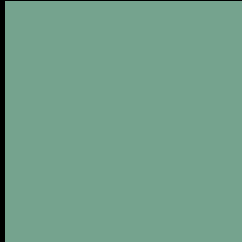
Large Text (above 18pt) WCAG AA × Fail

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, 142 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

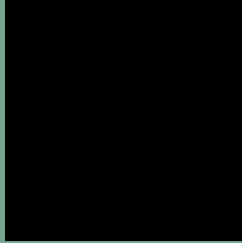
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

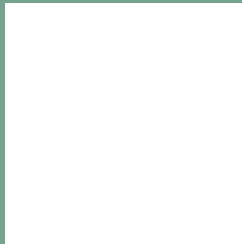
Any Text WCAG AAA ✓ Pass

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

RGB 117, 163, 142 Background



This preview shows how black text looks on a background with the RGB color 117, 163, 142.

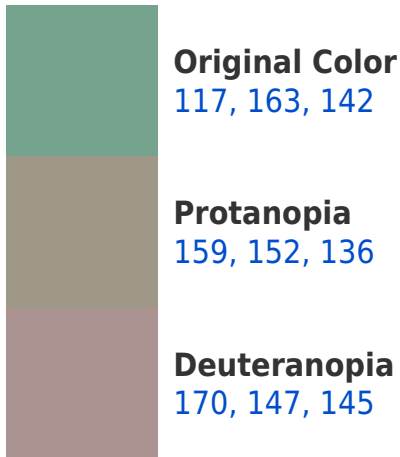



This preview shows how white text looks on a background with the RGB color 117, 163, 142.

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
123, 159, 171

Trichromacy



Original Color

117, 163, 142

Protanomaly

144, 156, 138

Deuteranomaly

151, 153, 144

Tritanomaly

121, 160, 160

Monochromacy



Original Color

117, 163, 142

Achromatopsia

147, 147, 147

Achromatomaly

136, 153, 145

CSS Examples

Text

The CSS property to change the color of the text to RGB 117, 163, 142 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, 142)` looks like.

```
.text, #text, p{  
    color:rgb(117, 163, 142)  
}
```

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, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 163, 142) }
```

Border

The CSS property to change the border of an element to RGB 117, 163, 142 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, 142) }
```

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

```
.border{ border-color:rgb(117, 163, 142) }
```

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, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 163, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 163, 142);  
box-shadow:4px 4px 4px 4px rgb(117, 163,  
142) }
```

Background

The CSS property to change the background color of an element to RGB 117, 163, 142 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, 142) }
```

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

```
.background{ background-color: rgb(117,  
163, 142) }
```

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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