

Converting Colors

RGB(119, 158, 103)

Have a look what the booklet for
RGB(119, 158, 103) contains.

RGB(119, 158, 103)	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(119, 158, 103)

Conversions

Conversions Part 1

Format	Color
Hex	779E67
RGB	119, 158, 103
RGB Percent	47%, 62%, 40%
CMY	0.5333, 0.3804, 0.5961
CMYK	0.25, 0.00, 0.35, 0.38
HSL	103°, 22%, 51%
HSV	103°, 35%, 62%
XYZ	22.2828, 29.3549, 17.3236
YIQ	140.0690, -5.5890, -25.3730

Conversions

Conversions Part 2

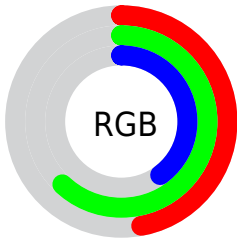
Format	Color
RYB	103, 158, 142
Decimal	7839335
CIELab	61.09, -24.00, 24.55
CIElCh	61, 34.326, 134.349
Yxy	29.3549, 0.3231, 0.4257
Android (android.graphics.Color)	4286029415 (0xFF779E67)
YUV	140.0690, -18.2750, -18.4775
Hunter-Lab	54.1802, -21.4033, 18.9687

Details

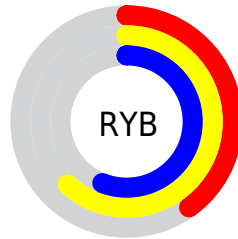
The RGB color **119, 158, 103** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **142, 103, 158**, and the grayscale version is **140, 140, 140**.

A 20% lighter version of the original color is **172, 213, 155**, and **69, 106, 55** is the 20% darker color. If you saturate the color by 10%, you get **108, 158, 87**, and if you desaturate by 10%, it is **130, 158, 119**.

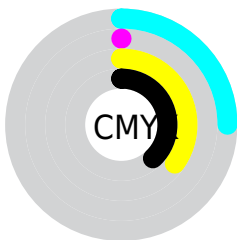
Distribution



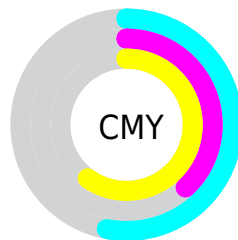
- Red (47%)
- Green (62%)
- Blue (40%)



- Red (40%)
- Yellow (62%)
- Blue (56%)



- Cyan (25%)
- Magenta (0%)
- Yellow (35%)
- Black (38%)



- Cyan (53%)
- Magenta (38%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the RGB color 119, 158, 103 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 119, 158, 103 by changing the saturation by 10% instead.

 119, 158, 103

255, 255, 255


 172, 213, 155

 200, 241, 182

 228, 255, 209


 255, 255, 238

 119, 158, 103

 94, 132, 79

 69, 106, 55

 45, 82, 33

 21, 59, 10

 0, 37, 0

 0, 7, 0

 0, 0, 0

 119, 158, 103

 108, 158, 87

 119, 158, 103

 130, 158, 119

■ 97, 158, 71

■ 141, 158, 135

■ 85, 158, 56

■ 153, 158, 150

■ 74, 158, 40

■ 164, 158, 166

■ 63, 158, 24

■ 175, 158, 182

■ 52, 158, 8

■ 186, 158, 198

■ 46, 158, 0

■ 197, 158, 214

■ 209, 158, 229

■ 220, 158, 245

Harmonies

Analogous

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



153, 150, 88



119, 158, 103



80, 163, 130

Triad

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



119, 158, 103



74, 155, 205



207, 124, 134

Complementary

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



119, 158, 103



142, 103, 158

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.



197, 126, 165



119, 158, 103



127, 145, 206

Square

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



119, 158, 103



15, 161, 189



169, 134, 191



200, 130, 106

Rectangle

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



119, 158, 103



50, 164, 151



169, 134, 191



205, 124, 144

Sweetspot

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



119, 158, 103



192, 207, 186



158, 142, 103



96, 105, 92



232, 232, 232



105, 105, 105

Same Dimension

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



119, 158, 103



145, 207, 120



103, 158, 114



73, 79, 71



42, 143, 0



4, 15, 0

Inverse Universe

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



142, 103, 158



181, 120, 207



158, 103, 147



77, 71, 79



101, 0, 143



11, 0, 15

Previews

White Background



This preview shows how the RGB color 119, 158, 103 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 119, 158, 103 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

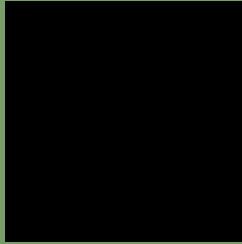
Any Text WCAG AA ✓ Pass

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 119, 158, 103 Background



This preview shows how black text looks on a background with the RGB color 119, 158, 103.

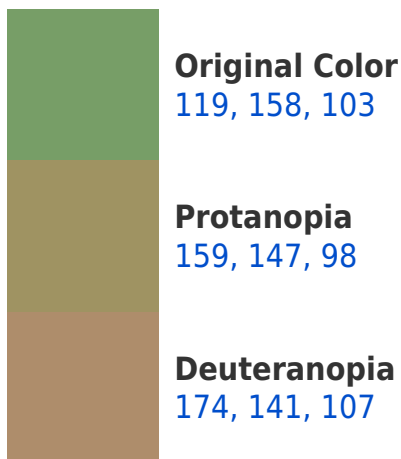


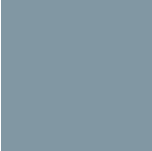
This preview shows how white text looks on a background with the RGB color 119, 158, 103.

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
129, 151, 163

Trichromacy



Original Color

119, 158, 103

Protanomaly

144, 151, 100

Deuteranomaly

154, 147, 106

Tritanomaly

125, 154, 141

Monochromacy



Original Color

119, 158, 103

Achromatopsia

140, 140, 140

Achromatomaly

132, 147, 127

CSS Examples

Text

The CSS property to change the color of the text to RGB 119, 158, 103 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(119, 158, 103)` looks like.

```
.text, #text, p{  
    color:rgb(119, 158, 103)  
}
```

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(119, 158, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 158, 103) }
```

Border

The CSS property to change the border of an element to RGB 119, 158, 103 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(119, 158, 103) }
```

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

```
.border{ border-color:rgb(119, 158, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 158, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 158, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 158, 103);  
box-shadow:4px 4px 4px 4px rgb(119, 158,  
103) }
```

Background

The CSS property to change the background color of an element to RGB 119, 158, 103 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 158, 103) }
```

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

```
.background{ background-color: rgb(119,  
158, 103) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor