

Converting Colors

RGB(104, 159, 126)

Have a look what the booklet for
RGB(104, 159, 126) contains.

RGB(104, 159, 126)	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(104, 159, 126)

Conversions

Conversions Part 1

Format	Color
Hex	689F7E
RGB	104, 159, 126
RGB Percent	41%, 62%, 49%
CMY	0.5922, 0.3765, 0.5059
CMYK	0.35, 0.00, 0.21, 0.38
HSL	144°, 22%, 52%
HSV	144°, 35%, 62%
XYZ	21.8730, 29.2457, 24.2308
YIQ	138.7930, -22.1870, -21.9230

Conversions

Conversions Part 2

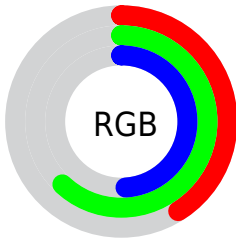
Format	Color
RYB	104, 143, 159
Decimal	6856574
CIELab	61.00, -25.48, 11.56
CIELCh	61, 27.982, 155.608
Yxy	29.2457, 0.2903, 0.3881
Android (android.graphics.Color)	4285046654 (0xFF689F7E)
YUV	138.7930, -6.3069, -30.5135
Hunter-Lab	54.0793, -22.4425, 11.2900

Details

The RGB color **104, 159, 126** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **159, 104, 137**, and the grayscale version is **139, 139, 139**.

A 20% lighter version of the original color is **157, 214, 179**, and **54, 107, 77** is the 20% darker color. If you saturate the color by 10%, you get **88, 159, 116**, and if you desaturate by 10%, it is **120, 159, 136**.

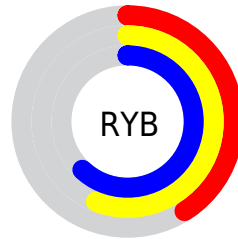
Distribution



Red (41%)

Green (62%)

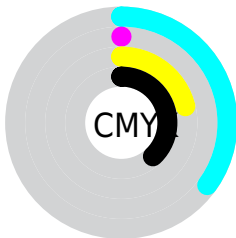
Blue (49%)



Red (41%)

Yellow (56%)

Blue (62%)

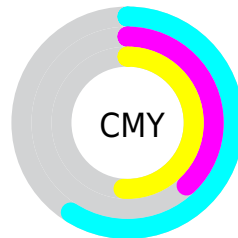


Cyan (35%)

Magenta (0%)

Yellow (21%)

Black (38%)



Cyan (59%)


Magenta (38%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the RGB color 104, 159, 126 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 104, 159, 126 by changing the saturation by 10% instead.

 104, 159, 126


255, 255, 255


 157, 214, 179


 184, 242, 206

 212, 255, 234

 241, 255, 255

 104, 159, 126

 79, 133, 101

 54, 107, 77


 28, 83, 54


 0, 59, 33


 0, 37, 11

 0, 7, 0

 0, 0, 0

 104, 159, 126

 88, 159, 116

 104, 159, 126

 120, 159, 136

■ 72, 159, 107

■ 136, 159, 145

■ 56, 159, 97

■ 152, 159, 155

■ 40, 159, 88

■ 168, 159, 164

■ 25, 159, 78

■ 184, 159, 174

■ 9, 159, 69

■ 199, 159, 183

■ 0, 159, 64

■ 215, 159, 193

■ 231, 159, 202

■ 247, 159, 212

Harmonies

Analogous

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



133, 154, 106



104, 159, 126



77, 161, 151

Triad

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



104, 159, 126



121, 148, 196



194, 132, 120

Complementary

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



104, 159, 126



159, 104, 137

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.



195, 129, 143



104, 159, 126



157, 139, 187

Square

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



104, 159, 126



85, 155, 192



183, 132, 168



181, 139, 103

Rectangle

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



104, 159, 126



66, 160, 168



183, 132, 168



196, 130, 127

Sweetspot

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



104, 159, 126



186, 207, 194



137, 159, 104



92, 105, 97



232, 232, 232



105, 105, 105

Same Dimension

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



104, 159, 126



120, 207, 154



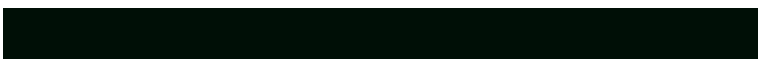
104, 159, 154



71, 79, 74



0, 143, 57



0, 15, 6

Inverse Universe

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



159, 104, 137



207, 120, 172



159, 104, 110



79, 71, 76



143, 0, 86



15, 0, 9

Previews

White Background



This preview shows how the RGB color 104, 159, 126 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 104, 159, 126 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

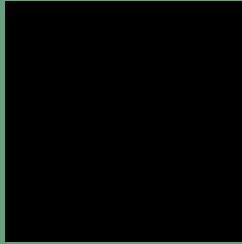
Any Text WCAG AA ✓ Pass

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 104, 159, 126 Background



This preview shows how black text looks on a background with the RGB color 104, 159, 126.

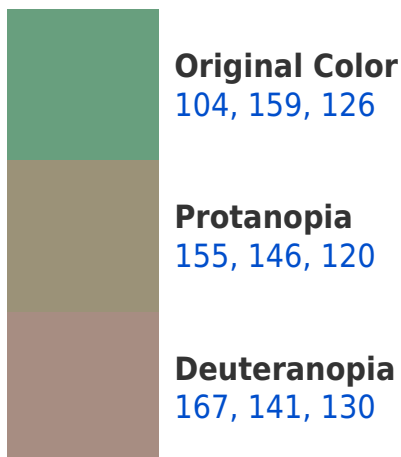



This preview shows how white text looks on a background with the RGB color 104, 159, 126.

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
112, 154, 166

Trichromacy



Original Color

104, 159, 126

Protanomaly

136, 151, 122

Deuteranomaly

144, 148, 129

Tritanomaly

109, 156, 151

Monochromacy



Original Color

104, 159, 126

Achromatopsia

139, 139, 139

Achromatomaly

126, 146, 134

CSS Examples

Text

The CSS property to change the color of the text to RGB 104, 159, 126 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(104, 159, 126)` looks like.

```
.text, #text, p{  
    color:rgb(104, 159, 126)  
}
```

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(104, 159, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 159, 126) }
```

Border

The CSS property to change the border of an element to RGB 104, 159, 126 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(104, 159, 126) }
```

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

```
.border{ border-color:rgb(104, 159, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 159, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 159, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 159, 126);  
box-shadow:4px 4px 4px 4px rgb(104, 159,  
126) }
```

Background

The CSS property to change the background color of an element to RGB 104, 159, 126 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 159, 126) }
```

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

```
.background{ background-color: rgb(104,  
159, 126) }
```

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