

Converting Colors

RGB(109, 154, 106)

Have a look what the booklet for
RGB(109, 154, 106) contains.

RGB(109, 154, 106)	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(109, 154, 106)

Conversions

Conversions Part 1

Format	Color
Hex	6D9A6A
RGB	109, 154, 106
RGB Percent	43%, 60%, 42%
CMY	0.5725, 0.3961, 0.5843
CMYK	0.29, 0.00, 0.31, 0.40
HSL	116°, 19%, 51%
HSV	116°, 31%, 60%
XYZ	20.4638, 27.4030, 17.8464
YIQ	135.0730, -11.4120, -24.4680

Conversions

Conversions Part 2

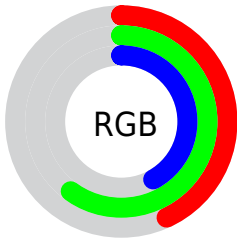
Format	Color
RYB	106, 154, 151
Decimal	7182954
CIELab	59.35, -25.09, 20.45
CIELCh	59, 32.369, 140.812
Yxy	27.4030, 0.3114, 0.4170
Android (android.graphics.Color)	4285373034 (0xFF6D9A6A)
YUV	135.0730, -14.3330, -22.8660
Hunter-Lab	52.3479, -21.8297, 16.4304

Details

The RGB color `109, 154, 106` is a dark color, and the websafe version is hex `669966`. A complement of this color would be `151, 106, 154`, and the grayscale version is `135, 135, 135`.

A 20% lighter version of the original color is `162, 209, 158`, and `59, 103, 58` is the 20% darker color. If you saturate the color by 10%, you get `95, 154, 91`, and if you desaturate by 10%, it is `123, 154, 121`.

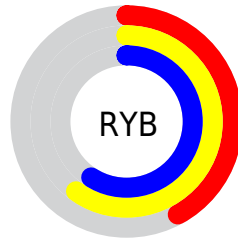
Distribution



Red (43%)

Green (60%)

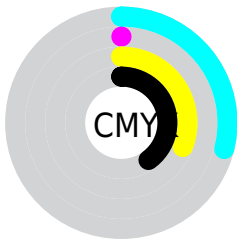
Blue (42%)



Red (42%)

Yellow (60%)

Blue (59%)

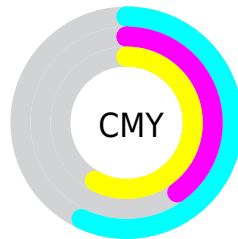


Cyan (29%)

Magenta (0%)

Yellow (31%)

Black (40%)



Cyan (57%)


Magenta (40%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the RGB color 109, 154, 106 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 109, 154, 106 by changing the saturation by 10% instead.

 109, 154, 106


255, 255, 255


 162, 209, 158

 189, 237, 185

 217, 255, 212

 246, 255, 241

 109, 154, 106

 84, 128, 82

 59, 103, 58

 35, 78, 36


 9, 55, 15

 0, 34, 0

 0, 0, 0


 109, 154, 106

 95, 154, 91

 80, 154, 75

 109, 154, 106

 123, 154, 121

 138, 154, 137

■ 66, 154, 60

■ 152, 154, 152

■ 51, 154, 44

■ 167, 154, 168

■ 37, 154, 29

■ 181, 154, 183

■ 22, 154, 14

■ 196, 154, 198

■ 10, 154, 0

■ 210, 154, 214

■ 225, 154, 229

■ 239, 154, 245

Harmonies

Analogous

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



142, 147, 89



109, 154, 106



72, 158, 133

Triad

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



109, 154, 106



87, 148, 199



199, 122, 124

Complementary

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



109, 154, 106



151, 106, 154

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.



192, 122, 153



109, 154, 106



134, 139, 196

Square

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



109, 154, 106



39, 155, 186



170, 129, 179



190, 128, 100

Rectangle

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



109, 154, 106



46, 158, 153



170, 129, 179



198, 121, 134

Sweetspot

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



109, 154, 106



184, 201, 183



154, 151, 106



91, 102, 91



230, 230, 230



102, 102, 102

Same Dimension

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



109, 154, 106



132, 201, 127



106, 154, 127



69, 77, 69



9, 140, 0



1, 13, 0

Inverse Universe

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



151, 106, 154



197, 127, 201



154, 106, 133



76, 69, 77



131, 0, 140



12, 0, 13

Previews

White Background



This preview shows how the RGB color 109, 154, 106 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 109, 154, 106 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 109, 154, 106 Background



This preview shows how black text looks on a background with the RGB color 109, 154, 106.

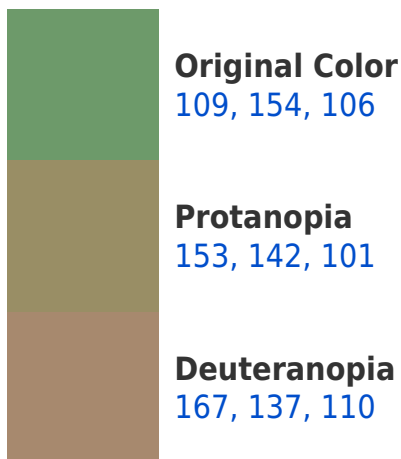


This preview shows how white text looks on a background with the RGB color 109, 154, 106.

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
118, 147, 159

Trichromacy



Original Color
109, 154, 106

Protanomaly
137, 146, 103

Deuteranomaly
146, 143, 109

Tritanomaly
115, 150, 140

Monochromacy



Original Color
109, 154, 106

Achromatopsia
135, 135, 135

Achromatomaly
126, 142, 124

CSS Examples

Text

The CSS property to change the color of the text to RGB 109, 154, 106 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(109, 154, 106)` looks like.

```
.text, #text, p{  
    color:rgb(109, 154, 106)  
}
```

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(109, 154, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 154, 106) }
```

Border

The CSS property to change the border of an element to RGB 109, 154, 106 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(109, 154, 106) }
```

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

```
.border{ border-color:rgb(109, 154, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 154, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 154, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 154, 106);  
box-shadow:4px 4px 4px 4px rgb(109, 154,  
106) }
```

Background

The CSS property to change the background color of an element to RGB 109, 154, 106 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 154, 106) }
```

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

```
.background{ background-color: rgb(109,  
154, 106) }
```

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