

Converting Colors

RGB(107, 147, 106)

Have a look what the booklet for
RGB(107, 147, 106) contains.

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Color

RGB(107, 147, 106)

Conversions

Conversions Part 1

Format	Color
Hex	6B936A
RGB	107, 147, 106
RGB Percent	42%, 58%, 42%
CMY	0.5804, 0.4235, 0.5843
CMYK	0.27, 0.00, 0.28, 0.42
HSL	119°, 16%, 50%
HSV	119°, 28%, 58%
XYZ	19.0986, 25.0338, 17.4611
YIQ	130.3660, -10.6790, -21.2310

Conversions

Conversions Part 2

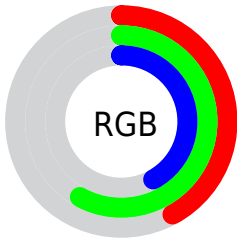
Format	Color
RYB	106, 147, 146
Decimal	7050090
CIELab	57.11, -22.26, 17.39
CIELCh	57, 28.250, 142.008
Yxy	25.0338, 0.3101, 0.4064
Android (android.graphics.Color)	4285240170 (0xFF6B936A)
YUV	130.3660, -12.0124, -20.4920
Hunter-Lab	50.0338, -19.4232, 14.3323

Details

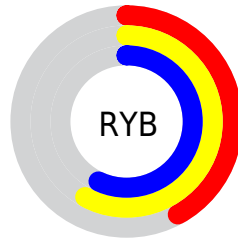
The RGB color **107, 147, 106** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **146, 106, 147**, and the grayscale version is **130, 130, 130**.

A 20% lighter version of the original color is **159, 201, 157**, and **58, 96, 58** is the 20% darker color. If you saturate the color by 10%, you get **93, 147, 91**, and if you desaturate by 10%, it is **121, 147, 121**.

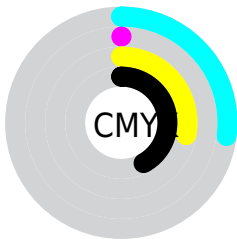
Distribution



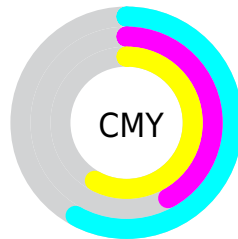
- Red (42%)
- Green (58%)
- Blue (42%)



- Red (42%)
- Yellow (58%)
- Blue (57%)



- Cyan (27%)
- Magenta (0%)
- Yellow (28%)
- Black (42%)



- Cyan (58%)
- Magenta (42%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the RGB color 107, 147, 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 107, 147, 106 by changing the saturation by 10% instead.

 107, 147, 106


255, 255, 255

 159, 201, 157

 187, 229, 184

 215, 255, 212

 243, 255, 241

 107, 147, 106

 82, 121, 82


 58, 96, 58

 34, 72, 36

 10, 49, 15


 0, 30, 0


 0, 0, 0


 107, 147, 106

 93, 147, 91

 78, 147, 77

 107, 147, 106

 121, 147, 121

 136, 147, 135

■ 64, 147, 62

■ 150, 147, 150

■ 50, 147, 47

■ 164, 147, 165

■ 35, 147, 33

■ 179, 147, 180

■ 21, 147, 18

■ 193, 147, 194

■ 7, 147, 3

■ 207, 147, 209

■ 4, 147, 0

■ 222, 147, 224

■ 236, 147, 238

Harmonies

Analogous

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



135, 141, 91



107, 147, 106



77, 150, 129

Triad

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



107, 147, 106



93, 141, 185



186, 119, 120

Complementary

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



107, 147, 106



146, 106, 147

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.



181, 119, 145



107, 147, 106



131, 133, 183

Square

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



107, 147, 106



59, 147, 175



162, 125, 168



178, 125, 99

Rectangle

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



107, 147, 106



60, 151, 146



162, 125, 168



186, 118, 128

Sweetspot

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



107, 147, 106



176, 191, 176



147, 146, 106



87, 97, 87



224, 224, 224



97, 97, 97

Same Dimension

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



107, 147, 106



130, 191, 128



106, 147, 125



67, 74, 67



3, 138, 0



0, 10, 0

Inverse Universe

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



146, 106, 147



190, 128, 191



147, 106, 128



74, 67, 74



134, 0, 138



10, 0, 10

Previews

White Background



This preview shows how the RGB color 107, 147, 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 107, 147, 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 107, 147, 106 Background



This preview shows how black text looks on a background with the RGB color 107, 147, 106.

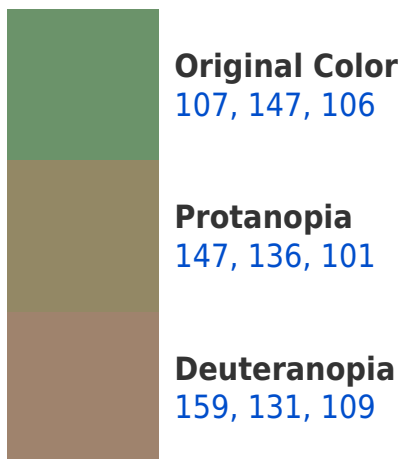



This preview shows how white text looks on a background with the RGB color 107, 147, 106.

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
115, 141, 152

Trichromacy



Original Color

107, 147, 106

Protanomaly

132, 140, 103

Deuteranomaly

140, 137, 108

Tritanomaly

112, 143, 135

Monochromacy



Original Color

107, 147, 106

Achromatopsia

130, 130, 130

Achromatomaly

122, 136, 121

CSS Examples

Text

The CSS property to change the color of the text to RGB 107, 147, 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(107, 147, 106)` looks like.

```
.text, #text, p{  
    color:rgb(107, 147, 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(107, 147, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 147, 106) }
```

Border

The CSS property to change the border of an element to RGB 107, 147, 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(107, 147, 106) }
```

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

```
.border{ border-color:rgb(107, 147, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 147, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 147, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 147, 106);  
box-shadow:4px 4px 4px 4px rgb(107, 147,  
106) }
```

Background

The CSS property to change the background color of an element to RGB 107, 147, 106 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 147, 106) }
```

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

```
.background{ background-color: rgb(107,  
147, 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](#).

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