

Converting Colors

RGB(100, 147, 107)

Have a look what the booklet for
RGB(100, 147, 107) contains.

RGB(100, 147, 107)	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(100, 147, 107)

Conversions

Conversions Part 1

Format	Color
Hex	64936B
RGB	100, 147, 107
RGB Percent	39%, 58%, 42%
CMY	0.6078, 0.4235, 0.5804
CMYK	0.32, 0.00, 0.27, 0.42
HSL	129°, 19%, 48%
HSV	129°, 32%, 58%
XYZ	18.3431, 24.6383, 17.6988
YIQ	128.3870, -15.1720, -22.4040

Conversions

Conversions Part 2

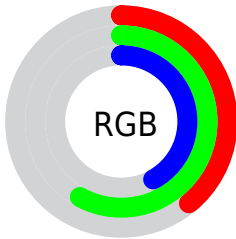
Format	Color
RYB	100, 141, 147
Decimal	6591339
CIELab	56.72, -24.51, 16.23
CIElCh	57, 29.396, 146.485
Yxy	24.6383, 0.3023, 0.4060
Android (android.graphics.Color)	4284781419 (0xFF64936B)
YUV	128.3870, -10.5438, -24.8954
Hunter-Lab	49.6370, -20.9010, 13.6052

Details

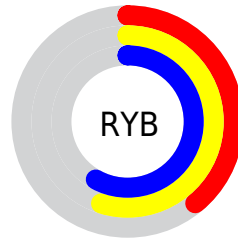
The RGB color **100, 147, 107** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **147, 100, 140**, and the grayscale version is **129, 129, 129**.

A 20% lighter version of the original color is **152, 201, 159**, and **51, 96, 59** is the 20% darker color. If you saturate the color by 10%, you get **85, 147, 94**, and if you desaturate by 10%, it is **115, 147, 120**.

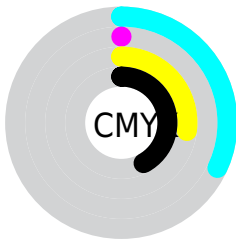
Distribution



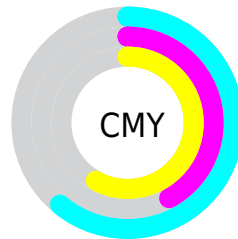
- Red (39%)
- Green (58%)
- Blue (42%)



- Red (39%)
- Yellow (55%)
- Blue (58%)



- Cyan (32%)
- Magenta (0%)
- Yellow (27%)
- Black (42%)



- Cyan (61%)
- Magenta (42%)
- Yellow (58%)
- Black (0%)

Brightness & Saturation Gradients

These gradients show how the RGB color 100, 147, 107 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 100, 147, 107 by changing the saturation by 10% instead.

■ 100, 147, 107

255, 255, 255

■ 152, 201, 159

■ 179, 229, 186

■ 207, 255, 213

■ 236, 255, 242

■ 100, 147, 107

■ 75, 121, 83

■ 51, 96, 59

■ 26, 72, 37

■ 0, 49, 17

■ 0, 30, 0

■ 0, 0, 0

■ 100, 147, 107

■ 85, 147, 94

■ 71, 147, 82

■ 100, 147, 107

■ 115, 147, 120

■ 129, 147, 132

■ 56, 147, 69

■ 144, 147, 145

■ 41, 147, 57

■ 159, 147, 157

■ 27, 147, 44

■ 174, 147, 170

■ 12, 147, 32

■ 188, 147, 182

■ 0, 147, 22

■ 203, 147, 195

■ 218, 147, 207

■ 232, 147, 220

Harmonies

Analogous

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



130, 141, 90



100, 147, 107



68, 150, 132

Triad

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



100, 147, 107



96, 139, 187



186, 118, 115

Complementary

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



100, 147, 107



147, 100, 140

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.



183, 117, 140



100, 147, 107



135, 131, 182

Square

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



100, 147, 107



56, 146, 178



166, 122, 165



176, 125, 94

Rectangle

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



100, 147, 107



49, 150, 150



166, 122, 165



187, 117, 123

Sweetspot

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



100, 147, 107



172, 191, 175



141, 147, 100



85, 97, 87



224, 224, 224



97, 97, 97

Same Dimension

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



100, 147, 107



119, 191, 129



100, 147, 130



67, 74, 68



0, 138, 21



0, 10, 2

Inverse Universe

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



147, 100, 140



191, 119, 180



147, 100, 117



74, 67, 73



138, 0, 117



10, 0, 9

Previews

White Background



This preview shows how the RGB color 100, 147, 107 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



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 100, 147, 107 Background



This preview shows how black text looks on a background with the RGB color 100, 147, 107.



This preview shows how white text looks on a background with the RGB color 100, 147, 107.

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



Original Color
100, 147, 107

Protanopia
145, 135, 102

Deuteranopia
157, 130, 111



Tritanopia
109, 141, 152

Trichromacy



Original Color

100, 147, 107

Protanomaly

129, 139, 104

Deuteranomaly

136, 136, 110

Tritanomaly

106, 143, 136

Monochromacy



Original Color

100, 147, 107

Achromatopsia

128, 128, 128

Achromatomaly

118, 135, 120

CSS Examples

Text

The CSS property to change the color of the text to RGB 100, 147, 107 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(100, 147, 107)` looks like.

```
.text, #text, p{  
    color:rgb(100, 147, 107)  
}
```

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(100, 147, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 147, 107) }
```

Border

The CSS property to change the border of an element to RGB 100, 147, 107 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(100, 147, 107) }
```

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

```
.border{ border-color:rgb(100, 147, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(100, 147, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 147, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 147, 107);  
box-shadow:4px 4px 4px 4px rgb(100, 147,  
107) }
```

Background

The CSS property to change the background color of an element to RGB 100, 147, 107 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 147, 107) }
```

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

```
.background{ background-color: rgb(100,  
147, 107) }
```

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