

# Converting Colors

RGB(107, 161, 115)

Have a look what the booklet for  
RGB(107, 161, 115) contains.

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# Color

**RGB(107, 161, 115)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6BA173
RGB	107, 161, 115
RGB Percent	42%, 63%, 45%
CMY	0.5804, 0.3686, 0.5490
CMYK	0.34, 0.00, 0.29, 0.37
HSL	129°, 22%, 53%
HSV	129°, 34%, 63%
XYZ	21.9028, 29.8533, 20.8275
YIQ	139.6100, -17.4180, -25.7540

# Conversions

## Conversions Part 2

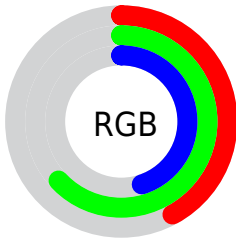
<b>Format</b>	<b>Color</b>
<b>RYB</b>	107, 154, 161
Decimal	7053683
CIELab	61.53, -27.63, 18.43
CIElCh	62, 33.212, 146.291
Yxy	29.8533, 0.3018, 0.4113
Android (android.graphics.Color)	4285243763 (0xFF6BA173)
YUV	139.6100, -12.1327, -28.5990
Hunter-Lab	54.6382, -24.0617, 15.6460

# Details

The RGB color **107, 161, 115** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **161, 107, 153**, and the grayscale version is **140, 140, 140**.

A 20% lighter version of the original color is **160, 216, 167**, and **57, 109, 67** is the 20% darker color. If you saturate the color by 10%, you get **91, 161, 101**, and if you desaturate by 10%, it is **123, 161, 129**.

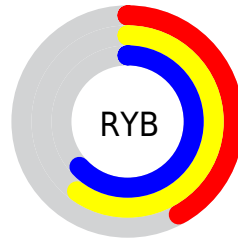
# Distribution



Red (42%)

Green (63%)

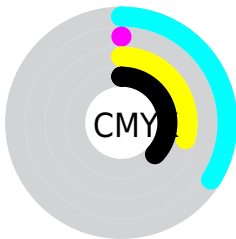
Blue (45%)



Red (42%)

Yellow (60%)

Blue (63%)

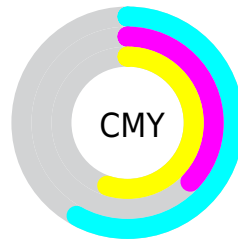


Cyan (34%)

Magenta (0%)

Yellow (29%)

Black (37%)



Cyan (58%)

Magenta (37%)

Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the RGB color 107, 161, 115 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, 161, 115 by changing the saturation by 10% instead.



 107, 161, 115

255, 255, 255


 160, 216, 167

 188, 245, 194

 216, 255, 222

 244, 255, 251

 107, 161, 115

 82, 135, 90

 57, 109, 67

 31, 84, 44


 2, 61, 23


 0, 39, 0

 0, 10, 0

 0, 0, 0

 107, 161, 115

 91, 161, 101

 107, 161, 115

 123, 161, 129


 75, 161, 88

 139, 161, 142

 59, 161, 74


 155, 161, 156

 43, 161, 60


 171, 161, 170


 27, 161, 46

 187, 161, 184


 10, 161, 33

 204, 161, 197

 0, 161, 24

 220, 161, 211

 236, 161, 225

 252, 161, 238

# Harmonies

## Analogous

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



141, 155, 95



107, 161, 115



69, 164, 144

# Triad

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



107, 161, 115



100, 153, 207



206, 128, 124

# Complementary

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



107, 161, 115



161, 107, 153

# 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.



202, 126, 153



107, 161, 115



147, 142, 201

# Square

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



107, 161, 115



50, 160, 197



182, 132, 182



194, 135, 101

# Rectangle

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



107, 161, 115



42, 164, 164



182, 132, 182



206, 126, 134



# Sweetspot

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



107, 161, 115



188, 209, 191



154, 161, 107



92, 105, 94



232, 232, 232



105, 105, 105



# Same Dimension

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



107, 161, 115



125, 209, 138



107, 161, 141



73, 82, 75



0, 145, 22



0, 18, 3



# Inverse Universe

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



161, 107, 153



209, 125, 197



161, 107, 127



82, 73, 80



145, 0, 124



18, 0, 15



# Previews

## White Background



This preview shows how the RGB color 107, 161, 115 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, 161, 115 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, 161, 115 Background



This preview shows how black text looks on a background with the RGB color 107, 161, 115.

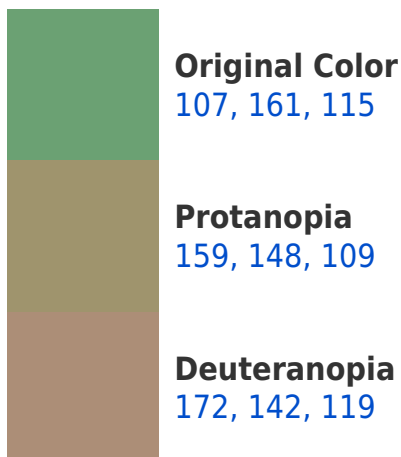


This preview shows how white text looks on a background with the RGB color 107, 161, 115.

# 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**  
117, 154, 167

# Trichromacy



**Original Color**  
107, 161, 115

**Protanomaly**  
140, 153, 111

**Deuteranomaly**  
148, 149, 118

**Tritanomaly**  
113, 157, 148

# Monochromacy



**Original Color**  
107, 161, 115

**Achromatopsia**  
140, 140, 140

**Achromatomaly**  
128, 148, 131

# CSS Examples

## Text

The CSS property to change the color of the text to RGB 107, 161, 115 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, 161, 115)` looks like.

```
.text, #text, p{  
    color:rgb(107, 161, 115)  
}
```

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, 161, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 161, 115) }
```

## Border

The CSS property to change the border of an element to RGB 107, 161, 115 is called "border". The border property can be set on classes, ids or directly on the HTML element.

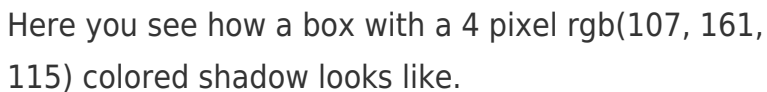
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(107, 161, 115) }
```

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

```
.border{ border-color:rgb(107, 161, 115) }
```

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



Here you see how a box with a 4 pixel `rgb(107, 161, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 161, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 161, 115);  
box-shadow:4px 4px 4px 4px rgb(107, 161,  
115) }
```

# Background

The CSS property to change the background color of an element to RGB 107, 161, 115 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 161, 115) }
```

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

```
.background{ background-color: rgb(107,  
161, 115) }
```

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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