

Converting Colors

RGB(107, 197, 114)

Have a look what the booklet for
RGB(107, 197, 114) contains.

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Color

RGB(107, 197, 114)

Conversions

Conversions Part 1

Format	Color
Hex	6BC572
RGB	107, 197, 114
RGB Percent	42%, 77%, 45%
CMY	0.5804, 0.2275, 0.5529
CMYK	0.46, 0.00, 0.42, 0.23
HSL	125°, 44%, 60%
HSV	125°, 46%, 77%
XYZ	29.0669, 44.2732, 22.9332
YIQ	160.6280, -26.9970, -44.8930

Conversions

Conversions Part 2

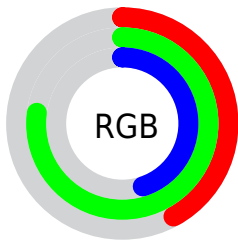
Format	Color
RYB	107, 191, 197
Decimal	7062898
CIELab	72.41, -44.21, 33.44
CIElCh	72, 55.434, 142.902
Yxy	44.2732, 0.3019, 0.4599
Android (android.graphics.Color)	4285252978 (0xFF6BC572)
YUV	160.6280, -22.9876, -47.0318
Hunter-Lab	66.5381, -38.4647, 26.1416

Details

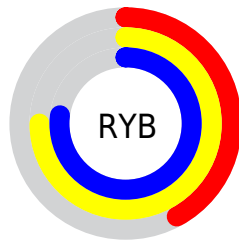
The RGB color **107, 197, 114** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **197, 107, 190**, and the grayscale version is **161, 161, 161**.

A 20% lighter version of the original color is **163, 254, 167**, and **50, 142, 64** is the 20% darker color. If you saturate the color by 10%, you get **87, 197, 96**, and if you desaturate by 10%, it is **127, 197, 132**.

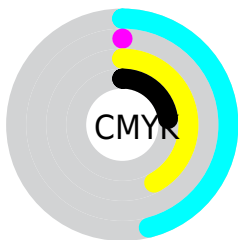
Distribution



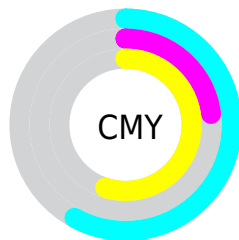
- Red (42%)
- Green (77%)
- Blue (45%)



- Red (42%)
- Yellow (75%)
- Blue (77%)



- Cyan (46%)
- Magenta (0%)
- Yellow (42%)
- Black (23%)



- Cyan (58%)
- Magenta (23%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the RGB color 107, 197, 114 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, 197, 114 by changing the saturation by 10% instead.

 107, 197, 114

255, 255, 255

 163, 254, 167


 191, 255, 194


 220, 255, 223


 250, 255, 251

 107, 197, 114

 79, 169, 89

 50, 142, 64

 11, 116, 40

 0, 91, 16


 0, 66, 0

 0, 44, 0

 0, 16, 0

 0, 0, 0

 107, 197, 114

 107, 197, 114

■ 87, 197, 96

■ 127, 197, 132

■ 68, 197, 78

■ 146, 197, 150

■ 48, 197, 59

■ 166, 197, 169

■ 28, 197, 41

■ 186, 197, 187

■ 8, 197, 23

■ 206, 197, 205

■ 0, 197, 15

■ 225, 197, 223

■ 245, 197, 241

■ 255, 197, 255

Harmonies

Analogous

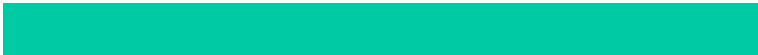
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



168, 187, 80



107, 197, 114



0, 202, 163

Triad

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



107, 197, 114



16, 187, 255



255, 137, 141

Complementary

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



107, 197, 114



197, 107, 190

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.



255, 135, 192



107, 197, 114



161, 169, 255

Square

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



107, 197, 114



0, 198, 255



228, 149, 239



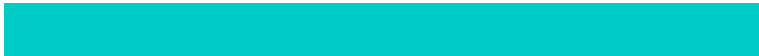
254, 152, 98

Rectangle

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



107, 197, 114



0, 203, 199



228, 149, 239



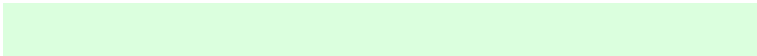
255, 134, 158

Sweetspot

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



107, 197, 114



219, 255, 222



191, 197, 107



106, 128, 108



0, 0, 0



128, 128, 128

Same Dimension

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



107, 197, 114



115, 255, 126



107, 197, 158



90, 99, 90



0, 163, 13



0, 36, 3

Inverse Universe

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



197, 107, 190



255, 115, 244



197, 107, 146



99, 90, 99



163, 0, 151



36, 0, 33

Previews

White Background



This preview shows how the RGB color 107, 197, 114 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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, 197, 114 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 ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RGB 107, 197, 114 Background



This preview shows how black text looks on a background with the RGB color 107, 197, 114.

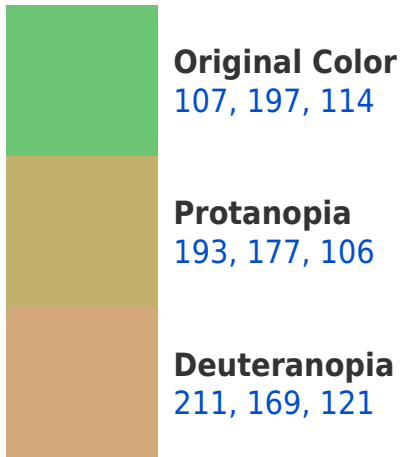


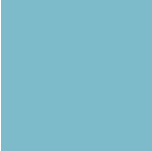
This preview shows how white text looks on a background with the RGB color 107, 197, 114.

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
126, 187, 202

Trichromacy



Original Color

107, 197, 114



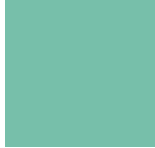
Protanomaly

162, 184, 109



Deuteranomaly

173, 179, 118



Tritanomaly

119, 191, 170

Monochromacy



Original Color

107, 197, 114



Achromatopsia

161, 161, 161



Achromatomaly

141, 174, 144

CSS Examples

Text

The CSS property to change the color of the text to RGB 107, 197, 114 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, 197, 114)` looks like.

```
.text, #text, p{  
    color:rgb(107, 197, 114)  
}
```

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, 197, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 197, 114) }
```

Border

The CSS property to change the border of an element to RGB 107, 197, 114 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, 197, 114) }
```

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

```
.border{ border-color:rgb(107, 197, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 197, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 197, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 197, 114);  
box-shadow:4px 4px 4px 4px rgb(107, 197,  
114) }
```

Background

The CSS property to change the background color of an element to RGB 107, 197, 114 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 197, 114) }
```

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

```
.background{ background-color: rgb(107,  
197, 114) }
```

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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