

Converting Colors

RGB(96, 195, 114)

Have a look what the booklet for
RGB(96, 195, 114) contains.

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Color

RGB(96, 195, 114)

Conversions

Conversions Part 1

Format	Color
Hex	60C372
RGB	96, 195, 114
RGB Percent	38%, 76%, 45%
CMY	0.6235, 0.2353, 0.5529
CMYK	0.51, 0.00, 0.42, 0.24
HSL	131°, 45%, 57%
HSV	131°, 51%, 76%
XYZ	27.3762, 42.7319, 22.7248
YIQ	156.1650, -33.0030, -46.1790

Conversions

Conversions Part 2

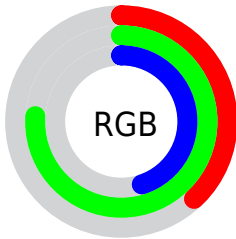
Format	Color
RYB	96, 180, 195
Decimal	6341490
CIELab	71.37, -46.40, 32.01
CIElCh	71, 56.371, 145.402
Yxy	42.7319, 0.2949, 0.4603
Android (android.graphics.Color)	4284531570 (0xFF60C372)
YUV	156.1650, -20.7873, -52.7647
Hunter-Lab	65.3697, -39.6427, 25.1475

Details

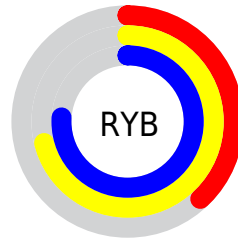
The RGB color **96, 195, 114** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **195, 96, 177**, and the grayscale version is **156, 156, 156**.

A 20% lighter version of the original color is **153, 252, 167**, and **34, 140, 64** is the 20% darker color. If you saturate the color by 10%, you get **77, 195, 98**, and if you desaturate by 10%, it is **116, 195, 130**.

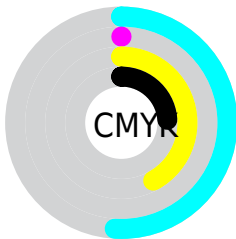
Distribution



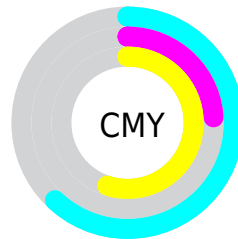
- Red (38%)
- Green (76%)
- Blue (45%)



- Red (38%)
- Yellow (71%)
- Blue (76%)



- Cyan (51%)
- Magenta (0%)
- Yellow (42%)
- Black (24%)



- Cyan (62%)
- Magenta (24%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the RGB color 96, 195, 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 96, 195, 114 by changing the saturation by 10% instead.



96, 195, 114



96, 195, 114

255, 255, 255



67, 167, 89



153, 252, 167



34, 140, 64



181, 255, 194



0, 114, 41



210, 255, 222



0, 89, 17



240, 255, 251



0, 64, 0



0, 43, 0



0, 9, 0



0, 0, 0




96, 195, 114





96, 195, 114

 77, 195, 98

 116, 195, 130


 57, 195, 82


 135, 195, 146


 37, 195, 66


 155, 195, 162

 18, 195, 50

 174, 195, 178

 0, 195, 35

 194, 195, 194

 213, 195, 210

 232, 195, 226

 252, 195, 242

 255, 195, 255

Harmonies

Analogous

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



161, 185, 77



96, 195, 114



0, 200, 165

Triad

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



96, 195, 114



29, 183, 255



255, 134, 134

Complementary

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



96, 195, 114



195, 96, 177

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, 131, 185



96, 195, 114



165, 164, 255

Square

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



96, 195, 114



0, 195, 255



230, 144, 234



249, 150, 91

Rectangle

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



96, 195, 114



0, 200, 200



230, 144, 234



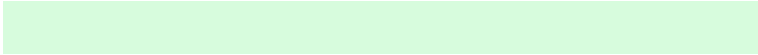
255, 131, 150

Sweetspot

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



96, 195, 114



215, 252, 221



179, 195, 96



105, 128, 109



0, 0, 0



128, 128, 128

Same Dimension

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



96, 195, 114



98, 252, 126



96, 195, 162



87, 97, 89



0, 161, 29



0, 33, 6

Inverse Universe

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



195, 96, 177



252, 98, 224



195, 96, 129



97, 87, 95



161, 0, 131



33, 0, 27

Previews

White Background



This preview shows how the RGB color 96, 195, 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 96, 195, 114 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

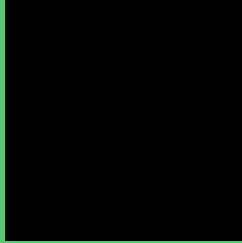
Any Text WCAG AA ✓ Pass

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 96, 195, 114 Background



This preview shows how black text looks on a background with the RGB color 96, 195, 114.

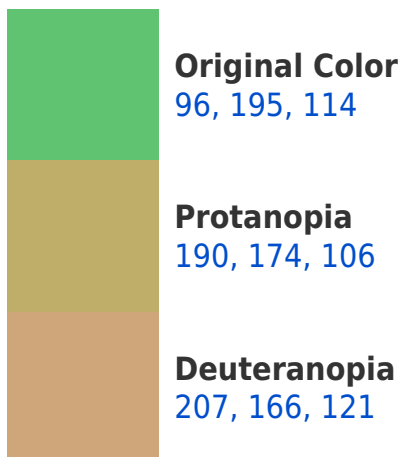


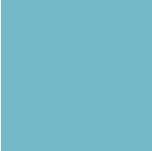
This preview shows how white text looks on a background with the RGB color 96, 195, 114.

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
116, 185, 200

Trichromacy



Original Color

96, 195, 114



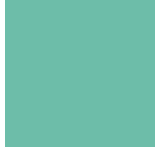
Protanomaly

156, 182, 109



Deuteranomaly

167, 177, 118



Tritanomaly

109, 189, 169

Monochromacy



Original Color

96, 195, 114



Achromatopsia

156, 156, 156



Achromatomaly

134, 170, 141

CSS Examples

Text

The CSS property to change the color of the text to RGB 96, 195, 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(96, 195, 114)` looks like.

```
.text, #text, p{  
    color:rgb(96, 195, 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(96, 195, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 195, 114) }
```

Border

The CSS property to change the border of an element to RGB 96, 195, 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(96, 195, 114) }
```

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

```
.border{ border-color:rgb(96, 195, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(96, 195, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 195, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 195, 114);  
box-shadow:4px 4px 4px 4px rgb(96, 195,  
114) }
```

Background

The CSS property to change the background color of an element to RGB 96, 195, 114 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 195, 114) }
```

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

```
.background{ background-color: rgb(96, 195,  
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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