

Converting Colors

RGB(116, 196, 109)

Have a look what the booklet for
RGB(116, 196, 109) contains.

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Color

RGB(116, 196, 109)

Conversions

Conversions Part 1

Format	Color
Hex	74C46D
RGB	116, 196, 109
RGB Percent	45%, 77%, 43%
CMY	0.5451, 0.2314, 0.5725
CMYK	0.41, 0.00, 0.44, 0.23
HSL	115°, 42%, 60%
HSV	115°, 44%, 77%
XYZ	29.7027, 44.2970, 21.4527
YIQ	162.1620, -19.7530, -44.0170

Conversions

Conversions Part 2

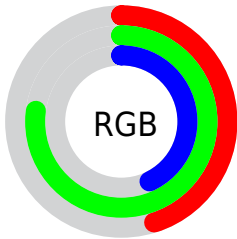
Format	Color
RYB	109, 196, 189
Decimal	7652461
CIELab	72.43, -41.84, 36.08
CIELCh	72, 55.253, 139.230
Yxy	44.2970, 0.3112, 0.4641
Android (android.graphics.Color)	4285842541 (0xFF74C46D)
YUV	162.1620, -26.2089, -40.4841
Hunter-Lab	66.5560, -36.8117, 27.4785

Details

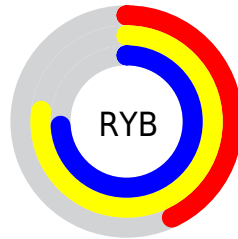
The RGB color **116, 196, 109** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **189, 109, 196**, and the grayscale version is **162, 162, 162**.

A 20% lighter version of the original color is **172, 253, 162**, and **61, 142, 59** is the 20% darker color. If you saturate the color by 10%, you get **98, 196, 89**, and if you desaturate by 10%, it is **134, 196, 129**.

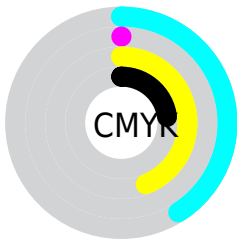
Distribution



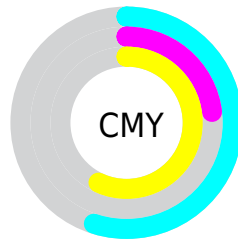
- Red (45%)
- Green (77%)
- Blue (43%)



- Red (43%)
- Yellow (77%)
- Blue (74%)



- Cyan (41%)
- Magenta (0%)
- Yellow (44%)
- Black (23%)



- Cyan (55%)
- Magenta (23%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the RGB color 116, 196, 109 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 116, 196, 109 by changing the saturation by 10% instead.

 116, 196, 109

255, 255, 255

 172, 253, 162


 200, 255, 189

 229, 255, 217


 255, 255, 246

 116, 196, 109

 89, 168, 84


 61, 142, 59

 31, 115, 35

 0, 90, 8

 0, 66, 0

 0, 44, 0

 0, 16, 0


 0, 0, 0

 116, 196, 109


 116, 196, 109


 98, 196, 89

 134, 196, 129

 80, 196, 70


 152, 196, 148


 62, 196, 50


 170, 196, 168

 44, 196, 31


 188, 196, 187

 26, 196, 11

 206, 196, 207

 16, 196, 0

 224, 196, 227

 242, 196, 246

 255, 196, 255

Harmonies

Analogous

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



175, 185, 77



116, 196, 109



0, 202, 157

Triad

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



116, 196, 109



0, 188, 255



255, 136, 147

Complementary

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



116, 196, 109



189, 109, 196

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, 136, 198



116, 196, 109



150, 172, 255

Square

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



116, 196, 109



0, 199, 253



222, 151, 244



255, 150, 103

Rectangle

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



116, 196, 109



0, 203, 192



222, 151, 244



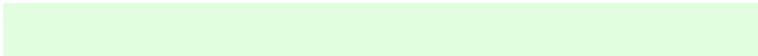
255, 134, 164

Sweetspot

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



116, 196, 109



225, 255, 222



196, 189, 109



109, 128, 107



0, 0, 0



128, 128, 128

Same Dimension

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



116, 196, 109



131, 255, 120



109, 196, 145



88, 97, 87



13, 161, 0



3, 33, 0

Inverse Universe

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



189, 109, 196



244, 120, 255



196, 109, 160



96, 87, 97



148, 0, 161



30, 0, 33

Previews

White Background



This preview shows how the RGB color 116, 196, 109 looks on a white background.

Color Contrast Check

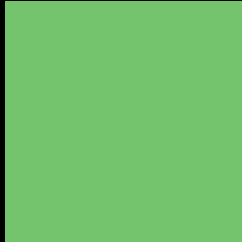
Large Text (above 18pt) WCAG AA × Fail

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 116, 196, 109 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 116, 196, 109 Background



This preview shows how black text looks on a background with the RGB color 116, 196, 109.

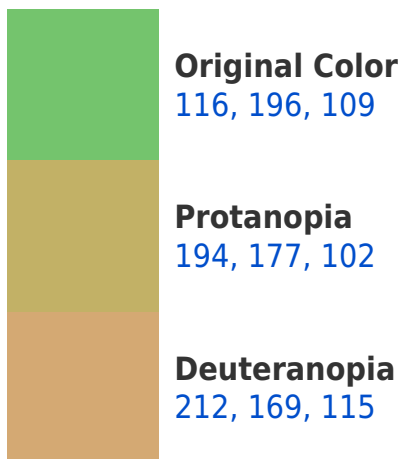


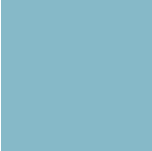
This preview shows how white text looks on a background with the RGB color 116, 196, 109.

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
134, 185, 200

Trichromacy



Original Color

116, 196, 109



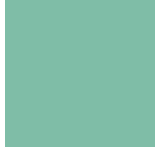
Protanomaly

166, 184, 105



Deuteranomaly

177, 179, 113



Tritanomaly

127, 189, 167

Monochromacy



Original Color

116, 196, 109



Achromatopsia

162, 162, 162



Achromatomaly

145, 174, 143

CSS Examples

Text

The CSS property to change the color of the text to RGB 116, 196, 109 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(116, 196, 109)` looks like.

```
.text, #text, p{  
    color:rgb(116, 196, 109)  
}
```

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(116, 196, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 196, 109) }
```

Border

The CSS property to change the border of an element to RGB 116, 196, 109 is called "border". The border property can be set on classes, ids or directly on the HTML element.

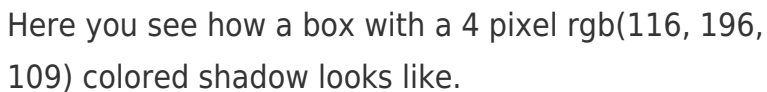
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(116, 196, 109) }
```

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

```
.border{ border-color:rgb(116, 196, 109) }
```

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



Here you see how a box with a 4 pixel `rgb(116, 196, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(116, 196, 109); -webkit-box-shadow:4px 4px 4px 4px rgb(116, 196, 109); box-shadow:4px 4px 4px 4px rgb(116, 196, 109) }
```

Background

The CSS property to change the background color of an element to RGB 116, 196, 109 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 196, 109) }
```

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

```
.background{ background-color: rgb(116,  
196, 109) }
```

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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