

Converting Colors

RGB(123, 185, 106)

Have a look what the booklet for
RGB(123, 185, 106) contains.

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Color

RGB(123, 185, 106)

Conversions

Conversions Part 1

Format	Color
Hex	7BB96A
RGB	123, 185, 106
RGB Percent	48%, 73%, 42%
CMY	0.5176, 0.2745, 0.5843
CMYK	0.34, 0.00, 0.43, 0.27
HSL	107°, 36%, 57%
HSV	107°, 43%, 73%
XYZ	28.1189, 39.9495, 19.8647
YIQ	157.4560, -11.5930, -37.7130

Conversions

Conversions Part 2

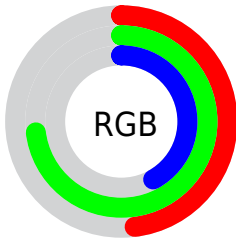
Format	Color
RYB	106, 185, 168
Decimal	8108394
CIELab	69.43, -35.09, 33.87
CIElCh	69, 48.764, 136.012
Yxy	39.9495, 0.3198, 0.4543
Android (android.graphics.Color)	4286298474 (0xFF7BB96A)
YUV	157.4560, -25.3678, -30.2179
Hunter-Lab	63.2056, -31.1989, 25.6099

Details

The RGB color **123, 185, 106** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **168, 106, 185**, and the grayscale version is **158, 158, 158**.

A 20% lighter version of the original color is **178, 241, 158**, and **70, 131, 57** is the 20% darker color. If you saturate the color by 10%, you get **108, 185, 88**, and if you desaturate by 10%, it is **138, 185, 125**.

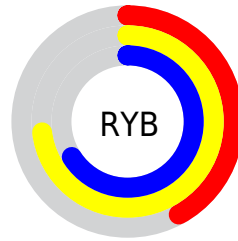
Distribution



Red (48%)

Green (73%)

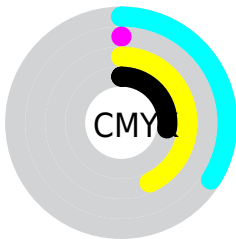
Blue (42%)



Red (42%)

Yellow (73%)

Blue (66%)

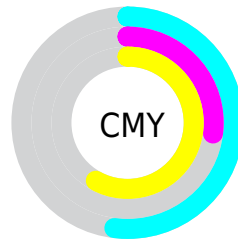


Cyan (34%)

Magenta (0%)

Yellow (43%)

Black (27%)



Cyan (52%)

Magenta (27%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the RGB color 123, 185, 106 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 123, 185, 106 by changing the saturation by 10% instead.

 123, 185, 106

255, 255, 255


 178, 241, 158

 206, 255, 186


 235, 255, 214


 255, 255, 242


 123, 185, 106


 108, 185, 88

 123, 185, 106

 96, 158, 81


 70, 131, 57

 44, 106, 33


 13, 81, 7


 0, 57, 0

 0, 37, 0

 0, 0, 0

 123, 185, 106

 138, 185, 125


 94, 185, 69


 152, 185, 143

 79, 185, 51


 167, 185, 162


 65, 185, 32

 181, 185, 180

 50, 185, 13

 196, 185, 198

 40, 185, 0

 210, 185, 217

 225, 185, 236

 239, 185, 254

 254, 185, 255

Harmonies

Analogous

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



173, 175, 81



123, 185, 106



50, 191, 147

Triad

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



123, 185, 106



6, 180, 255



253, 133, 147

Complementary

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



123, 185, 106



168, 106, 185

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.



241, 135, 192



123, 185, 106



139, 166, 254

Square

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



123, 185, 106



0, 189, 232



203, 149, 231



243, 144, 108

Rectangle

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



123, 185, 106



0, 192, 177



203, 149, 231



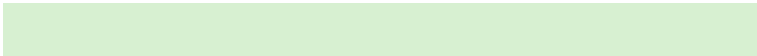
252, 132, 162

Sweetspot

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



123, 185, 106



215, 240, 209



185, 168, 106



105, 120, 101



247, 247, 247



120, 120, 120

Same Dimension

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



123, 185, 106



144, 240, 117



106, 185, 128



85, 92, 83



33, 156, 0



6, 28, 0

Inverse Universe

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



168, 106, 185



213, 117, 240



185, 106, 163



90, 83, 92



122, 0, 156



22, 0, 28

Previews

White Background



This preview shows how the RGB color 123, 185, 106 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 123, 185, 106 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 123, 185, 106 Background



This preview shows how black text looks on a background with the RGB color 123, 185, 106.

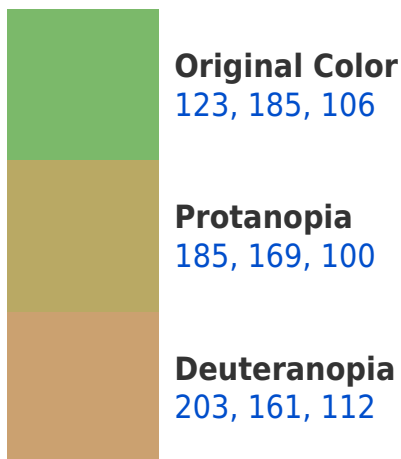


This preview shows how white text looks on a background with the RGB color 123, 185, 106.

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
137, 175, 189

Trichromacy



Original Color

123, 185, 106



Protanomaly

162, 175, 102



Deuteranomaly

174, 170, 110



Tritanomaly

132, 179, 159

Monochromacy



Original Color

123, 185, 106



Achromatopsia

157, 157, 157



Achromatomaly

145, 167, 138

CSS Examples

Text

The CSS property to change the color of the text to RGB 123, 185, 106 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(123, 185, 106)` looks like.

```
.text, #text, p{  
    color:rgb(123, 185, 106)  
}
```

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(123, 185, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 185, 106) }
```

Border

The CSS property to change the border of an element to RGB 123, 185, 106 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(123, 185, 106) }
```

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

```
.border{ border-color:rgb(123, 185, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 185, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 185, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 185, 106);  
box-shadow:4px 4px 4px 4px rgb(123, 185,  
106) }
```

Background

The CSS property to change the background color of an element to RGB 123, 185, 106 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 185, 106) }
```

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

```
.background{ background-color: rgb(123,  
185, 106) }
```

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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