

Converting Colors

RGB(139, 193, 106)

Have a look what the booklet for
RGB(139, 193, 106) contains.

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Color

RGB(139, 193, 106)

Conversions

Conversions Part 1

Format	Color
Hex	8BC16A
RGB	139, 193, 106
RGB Percent	55%, 76%, 42%
CMY	0.4549, 0.2431, 0.5843
CMYK	0.28, 0.00, 0.45, 0.24
HSL	97°, 41%, 59%
HSV	97°, 45%, 76%
XYZ	32.3189, 44.6695, 20.5544
YIQ	166.9360, -4.2570, -38.5050

Conversions

Conversions Part 2

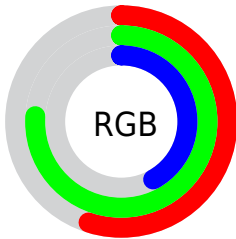
Format	Color
RYB	106, 193, 160
Decimal	9159018
CIELab	72.67, -33.23, 38.16
CIELCh	73, 50.595, 131.050
Yxy	44.6695, 0.3313, 0.4579
Android (android.graphics.Color)	4287349098 (0xFF8BC16A)
YUV	166.9360, -30.0414, -24.4999
Hunter-Lab	66.8352, -30.6460, 28.5508

Details

The RGB color **139, 193, 106** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **160, 106, 193**, and the grayscale version is **167, 167, 167**.

A 20% lighter version of the original color is **194, 250, 159**, and **86, 139, 56** is the 20% darker color. If you saturate the color by 10%, you get **127, 193, 87**, and if you desaturate by 10%, it is **151, 193, 125**.

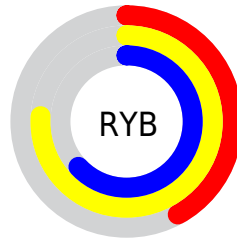
Distribution



Red (55%)

Green (76%)

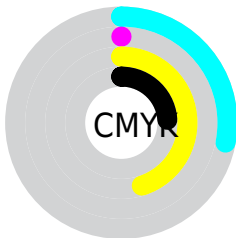
Blue (42%)



Red (42%)

Yellow (76%)

Blue (63%)

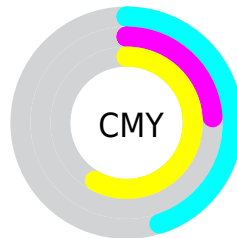


Cyan (28%)

Magenta (0%)

Yellow (45%)

Black (24%)



Cyan (45%)

Magenta (24%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the RGB color 139, 193, 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 139, 193, 106 by changing the saturation by 10% instead.

 139, 193, 106

255, 255, 255

 194, 250, 159

 223, 255, 186


 252, 255, 214

 255, 255, 243

 139, 193, 106

 112, 166, 81

 86, 139, 56

 60, 113, 32

 33, 88, 3

 4, 64, 0

 0, 42, 0


 0, 17, 0

 0, 0, 0


 139, 193, 106


 139, 193, 106

 127, 193, 87


 151, 193, 125

 115, 193, 67


 163, 193, 145

 103, 193, 48


 175, 193, 164


 91, 193, 29

 187, 193, 183

 79, 193, 9


 199, 193, 203

 73, 193, 0

 211, 193, 222

 223, 193, 241

 235, 193, 255

 247, 193, 255

Harmonies

Analogous

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



190, 181, 84



139, 193, 106



70, 200, 147

Triad

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



139, 193, 106



0, 191, 255



255, 140, 163

Complementary

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



139, 193, 106



160, 106, 193

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.



249, 144, 209



139, 193, 106



133, 177, 255

Square

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



139, 193, 106



0, 199, 238



204, 159, 248



255, 149, 120

Rectangle

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



139, 193, 106



0, 202, 178



204, 159, 248



255, 140, 179

Sweetspot

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



139, 193, 106



228, 250, 215



193, 160, 106



112, 125, 104



252, 252, 252



125, 125, 125

Same Dimension

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



139, 193, 106



166, 250, 115



106, 193, 116



91, 97, 87



61, 161, 0



13, 33, 0

Inverse Universe

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



160, 106, 193



199, 115, 250



193, 106, 183



93, 87, 97



100, 0, 161



21, 0, 33

Previews

White Background



This preview shows how the RGB color 139, 193, 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 139, 193, 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 139, 193, 106 Background



This preview shows how black text looks on a background with the RGB color 139, 193, 106.



This preview shows how white text looks on a background with the RGB color 139, 193, 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](#).

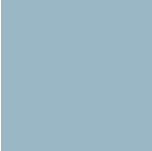
Dichromacy



Original Color
139, 193, 106

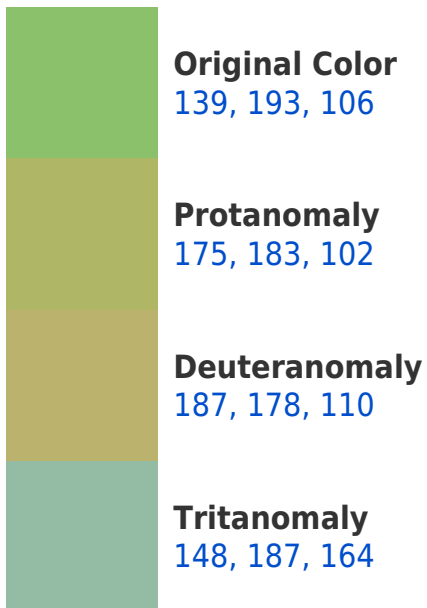
Protanopia
195, 178, 100

Deuteranopia
214, 170, 112

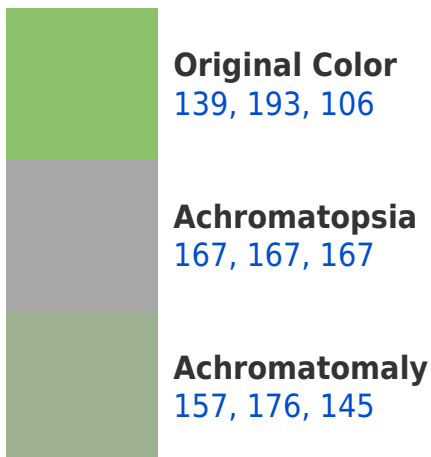


Tritanopia
153, 183, 197

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to RGB 139, 193, 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(139, 193, 106)` looks like.

```
.text, #text, p{  
    color:rgb(139, 193, 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(139, 193, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 193, 106) }
```

Border

The CSS property to change the border of an element to RGB 139, 193, 106 is called "border". The border property can be set on classes, ids or directly on the HTML element.

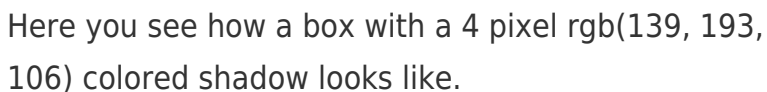
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(139, 193, 106) }
```

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

```
.border{ border-color:rgb(139, 193, 106) }
```

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



Here you see how a box with a 4 pixel `rgb(139, 193, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(139, 193, 106); -webkit-box-shadow:4px 4px 4px 4px rgb(139, 193, 106); box-shadow:4px 4px 4px 4px rgb(139, 193, 106) }
```

Background

The CSS property to change the background color of an element to RGB 139, 193, 106 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 193, 106) }
```

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

```
.background{ background-color: rgb(139,  
193, 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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