

Converting Colors

RGB(149, 202, 118)

Have a look what the booklet for
RGB(149, 202, 118) contains.

RGB(149, 202, 118)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(149, 202, 118)

Conversions

Conversions Part 1

Format	Color
Hex	95CA76
RGB	149, 202, 118
RGB Percent	58%, 79%, 46%
CMY	0.4157, 0.2078, 0.5373
CMYK	0.26, 0.00, 0.42, 0.21
HSL	98°, 44%, 63%
HSV	98°, 42%, 79%
XYZ	36.7850, 49.9386, 24.8399
YIQ	176.5770, -4.6240, -37.3600

Conversions

Conversions Part 2

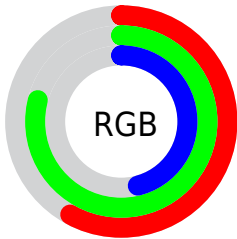
Format	Color
RYB	118, 202, 171
Decimal	9816694
CIELab	76.03, -32.31, 36.47
CIElCh	76, 48.725, 131.543
Yxy	49.9386, 0.3297, 0.4476
Android (android.graphics.Color)	4288006774 (0xFF95CA76)
YUV	176.5770, -28.8785, -24.1850
Hunter-Lab	70.6673, -30.7518, 28.6264

Details

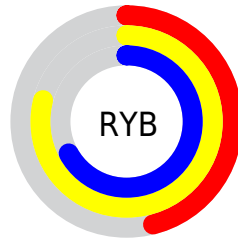
The RGB color **149, 202, 118** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **171, 118, 202**, and the grayscale version is **177, 177, 177**.

A 20% lighter version of the original color is **205, 255, 171**, and **96, 148, 68** is the 20% darker color. If you saturate the color by 10%, you get **136, 202, 98**, and if you desaturate by 10%, it is **162, 202, 138**.

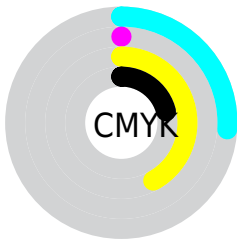
Distribution



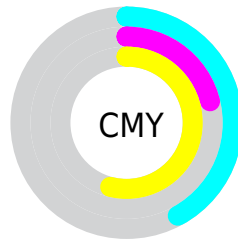
- Red (58%)
- Green (79%)
- Blue (46%)



- Red (46%)
- Yellow (79%)
- Blue (67%)



- Cyan (26%)
- Magenta (0%)
- Yellow (42%)
- Black (21%)



- Cyan (42%)
- Magenta (21%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the RGB color 149, 202, 118 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 149, 202, 118 by changing the saturation by 10% instead.

 149, 202, 118

255, 255, 255

 205, 255, 171


 233, 255, 199

 255, 255, 227

 149, 202, 118

 122, 174, 93

 96, 148, 68

 70, 122, 44

 44, 96, 19

 16, 72, 0

 0, 49, 0

 0, 29, 0

 0, 0, 0

 149, 202, 118


 149, 202, 118

 136, 202, 98

 162, 202, 138

 124, 202, 78

 174, 202, 158

 111, 202, 57


 187, 202, 179

 98, 202, 37

 200, 202, 199

 85, 202, 17

 213, 202, 219

 75, 202, 0

 225, 202, 239

 238, 202, 255

 251, 202, 255

 255, 202, 255

Harmonies

Analogous

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



198, 190, 97



149, 202, 118



86, 209, 157

Triad

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



149, 202, 118



32, 200, 255



255, 151, 172

Complementary

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



149, 202, 118



171, 118, 202

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, 155, 217



149, 202, 118



147, 186, 255

Square

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



149, 202, 118



0, 208, 246



214, 169, 255



255, 160, 130

Rectangle

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



149, 202, 118



0, 211, 188



214, 169, 255



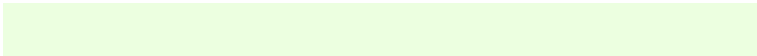
255, 151, 187

Sweetspot

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



149, 202, 118



236, 255, 224



202, 170, 118



116, 128, 110



0, 0, 0



128, 128, 128

Same Dimension

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



149, 202, 118



175, 255, 128



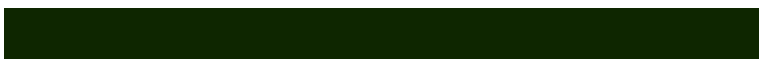
118, 202, 128



96, 102, 92



61, 166, 0



14, 38, 0

Inverse Universe

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



171, 118, 202



208, 128, 255



202, 118, 192



98, 92, 102



105, 0, 166



24, 0, 38

Previews

White Background



This preview shows how the RGB color 149, 202, 118 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 149, 202, 118 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 149, 202, 118 Background



This preview shows how black text looks on a background with the RGB color 149, 202, 118.

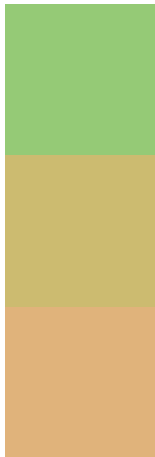


This preview shows how white text looks on a background with the RGB color 149, 202, 118.

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](#).

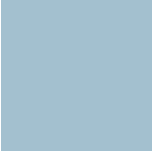
Dichromacy



Original Color
[149, 202, 118](#)

Protanopia
[204, 187, 112](#)

Deuteranopia
[224, 179, 123](#)



Tritanopia
163, 192, 207

Trichromacy



Original Color

149, 202, 118



Protanomaly

184, 192, 114



Deuteranomaly

197, 187, 121



Tritanomaly

158, 196, 175

Monochromacy



Original Color

149, 202, 118



Achromatopsia

177, 177, 177



Achromatomaly

167, 186, 156

CSS Examples

Text

The CSS property to change the color of the text to RGB 149, 202, 118 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(149, 202, 118)` looks like.

```
.text, #text, p{  
    color:rgb(149, 202, 118)  
}
```

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(149, 202, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 202, 118) }
```

Border

The CSS property to change the border of an element to RGB 149, 202, 118 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(149, 202, 118) }
```

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

```
.border{ border-color:rgb(149, 202, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 202, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(149, 202, 118); -webkit-box-shadow:4px 4px 4px 4px rgb(149, 202, 118); box-shadow:4px 4px 4px 4px rgb(149, 202, 118) }
```

Background

The CSS property to change the background color of an element to RGB 149, 202, 118 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 202, 118) }
```

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

```
.background{ background-color: rgb(149,  
202, 118) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor