

Converting Colors

RGB(149, 195, 109)

Have a look what the booklet for
RGB(149, 195, 109) contains.

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Color

RGB(149, 195, 109)

Conversions

Conversions Part 1

Format	Color
Hex	95C36D
RGB	149, 195, 109
RGB Percent	58%, 76%, 43%
CMY	0.4157, 0.2353, 0.5725
CMYK	0.24, 0.00, 0.44, 0.24
HSL	92°, 42%, 60%
HSV	92°, 44%, 76%
XYZ	34.6698, 46.5239, 21.6207
YIQ	171.4420, 0.1900, -36.4980

Conversions

Conversions Part 2

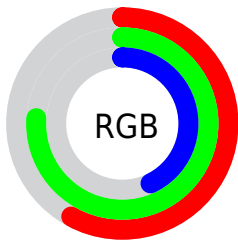
Format	Color
RYB	109, 195, 155
Decimal	9814893
CIELab	73.88, -30.18, 38.29
CIElCh	74, 48.755, 128.244
Yxy	46.5239, 0.3372, 0.4525
Android (android.graphics.Color)	4288004973 (0xFF95C36D)
YUV	171.4420, -30.7839, -19.6816
Hunter-Lab	68.2084, -28.6345, 28.9522

Details

The RGB color **149, 195, 109** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **155, 109, 195**, and the grayscale version is **172, 172, 172**.

A 20% lighter version of the original color is **205, 252, 162**, and **96, 141, 59** is the 20% darker color. If you saturate the color by 10%, you get **139, 195, 90**, and if you desaturate by 10%, it is **159, 195, 129**.

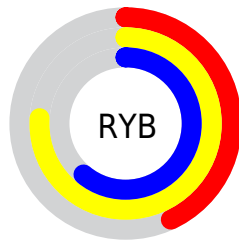
Distribution



Red (58%)

Green (76%)

Blue (43%)



Red (43%)

Yellow (76%)

Blue (61%)

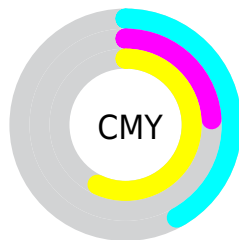


Cyan (24%)

Magenta (0%)

Yellow (44%)

Black (24%)



Cyan (42%)

Magenta (24%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the RGB color 149, 195, 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 149, 195, 109 by changing the saturation by 10% instead.

 149, 195, 109

255, 255, 255


 205, 252, 162

 233, 255, 189

 255, 255, 217

 255, 255, 246

 149, 195, 109


 122, 168, 84

 96, 141, 59

 70, 115, 34

 45, 90, 7

 19, 67, 0

 0, 44, 0

 0, 22, 0


 0, 0, 0


 149, 195, 109


 149, 195, 109


 139, 195, 90

 159, 195, 129


 128, 195, 70

 170, 195, 148


 118, 195, 50


 180, 195, 168


 107, 195, 31

 191, 195, 187

 97, 195, 12

 201, 195, 207

 91, 195, 0

 212, 195, 226

 222, 195, 245

 232, 195, 255

 243, 195, 255

Harmonies

Analogous

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



197, 183, 90



149, 195, 109



88, 202, 147

Triad

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



149, 195, 109



0, 195, 255



255, 145, 171

Complementary

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



149, 195, 109



155, 109, 195

Split Complementary

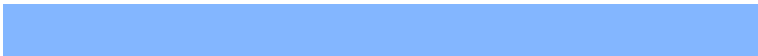
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



247, 150, 216



149, 195, 109



131, 182, 255

Square

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



149, 195, 109



0, 203, 236



202, 165, 252



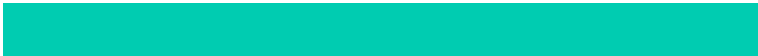
255, 152, 128

Rectangle

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



149, 195, 109



0, 204, 177



202, 165, 252



255, 145, 186

Sweetspot

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



149, 195, 109



235, 252, 220



195, 155, 109



117, 128, 107



0, 0, 0



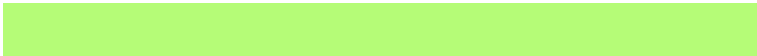
128, 128, 128

Same Dimension

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



149, 195, 109



181, 252, 119



109, 195, 112



92, 97, 87



75, 161, 0



15, 33, 0

Inverse Universe

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



155, 109, 195



190, 119, 252



195, 109, 192



92, 87, 97



86, 0, 161



18, 0, 33

Previews

White Background



This preview shows how the RGB color 149, 195, 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 149, 195, 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 149, 195, 109 Background



This preview shows how black text looks on a background with the RGB color 149, 195, 109.



This preview shows how white text looks on a background with the RGB color 149, 195, 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](#).

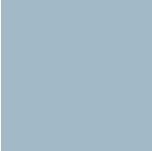
Dichromacy



Original Color
149, 195, 109

Protanopia
199, 181, 104

Deuteranopia
218, 173, 114



Tritanopia
162, 185, 199

Trichromacy



Original Color
149, 195, 109

Protanomaly
181, 186, 106

Deuteranomaly
193, 181, 112

Tritanomaly
157, 189, 166

Monochromacy



Original Color
149, 195, 109

Achromatopsia
171, 171, 171

Achromatomaly
163, 180, 148

CSS Examples

Text

The CSS property to change the color of the text to RGB 149, 195, 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(149, 195, 109)` looks like.

```
.text, #text, p{  
    color:rgb(149, 195, 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(149, 195, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 195, 109) }
```

Border

The CSS property to change the border of an element to RGB 149, 195, 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(149, 195, 109) }
```

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

```
.border{ border-color:rgb(149, 195, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 195, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 195, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 195, 109);  
box-shadow:4px 4px 4px 4px rgb(149, 195,  
109) }
```

Background

The CSS property to change the background color of an element to RGB 149, 195, 109 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 195, 109) }
```

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

```
.background{ background-color: rgb(149,  
195, 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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