

Converting Colors

RGB(149, 192, 113)

Have a look what the booklet for
RGB(149, 192, 113) contains.

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Color

RGB(149, 192, 113)

Conversions

Conversions Part 1

| Format | Color |
|---------------|-----------------------------|
| Hex | 95C071 |
| RGB | 149, 192, 113 |
| RGB Percent | 58%, 75%, 44% |
| CMY | 0.4157, 0.2471, 0.5569 |
| CMYK | 0.22, 0.00, 0.41, 0.25 |
| HSL | 93°, 39%, 60% |
| HSV | 93°, 41%, 75% |
| XYZ | 34.2247, 45.2811, 22.5591 |
| YIQ | 170.1370, -0.2690, -33.6850 |

Conversions

Conversions Part 2

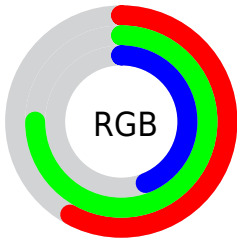
| Format | Color |
|-------------------------------------|---------------------------------|
| RYB | 113, 192, 156 |
| Decimal | 9814129 |
| CIELab | 73.08, -28.23, 35.24 |
| CIElCh | 73, 45.152, 128.706 |
| Yxy | 45.2811, 0.3353, 0.4437 |
| Android (android.graphics.Color) | 4288004209 (0xFF95C071) |
| YUV | 170.1370, -28.1685, -18.5371 |
| Hunter-Lab | 67.2912, -26.9735, 27.2272 |

Details

The RGB color **149, 192, 113** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **156, 113, 192**, and the grayscale version is **170, 170, 170**.

A 20% lighter version of the original color is **204, 249, 166**, and **96, 138, 63** is the 20% darker color. If you saturate the color by 10%, you get **139, 192, 94**, and if you desaturate by 10%, it is **159, 192, 132**.

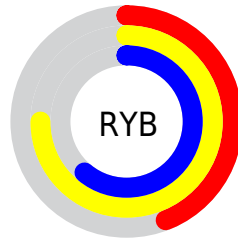
Distribution



Red (58%)

Green (75%)

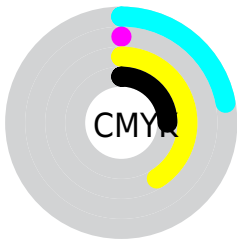
Blue (44%)



Red (44%)

Yellow (75%)

Blue (61%)

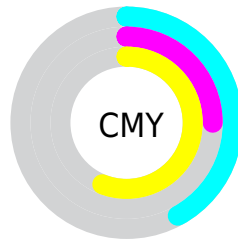


Cyan (22%)

Magenta (0%)

Yellow (41%)

Black (25%)



Cyan (42%)

Magenta (25%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the RGB color 149, 192, 113 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, 192, 113 by changing the saturation by 10% instead.

 149, 192, 113

255, 255, 255

 204, 249, 166

 233, 255, 193


 255, 255, 222

 255, 255, 250


 149, 192, 113

 122, 165, 88

 96, 138, 63

 71, 113, 39

 46, 88, 14


 21, 64, 0

 0, 42, 0

 0, 19, 0


 0, 0, 0


 149, 192, 113

 149, 192, 113


 139, 192, 94

 159, 192, 132


 128, 192, 75


 170, 192, 151


 118, 192, 55

 180, 192, 171

 107, 192, 36

 191, 192, 190

 97, 192, 17

 201, 192, 209

 87, 192, 0

 212, 192, 228

 222, 192, 247

 233, 192, 255

 243, 192, 255

Harmonies

Analogous

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



194, 181, 96



149, 192, 113



95, 199, 148

Triad

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



149, 192, 113



38, 192, 255



255, 146, 169

Complementary

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



149, 192, 113



156, 113, 192

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, 151, 210



149, 192, 113



136, 180, 255

Square

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



149, 192, 113



0, 199, 230



199, 164, 244



253, 153, 130

Rectangle

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



149, 192, 113



40, 201, 176



199, 164, 244



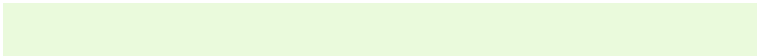
255, 146, 183

Sweetspot

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



149, 192, 113



234, 250, 220



192, 155, 113



115, 125, 107



252, 252, 252



125, 125, 125

Same Dimension

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



149, 192, 113



183, 250, 127



113, 192, 116



92, 97, 87



73, 161, 0



15, 33, 0

Inverse Universe

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



156, 113, 192



194, 127, 250



192, 113, 189



92, 87, 97



87, 0, 161



18, 0, 33

Previews

White Background



This preview shows how the RGB color 149, 192, 113 looks on a white background.

Color Contrast Check

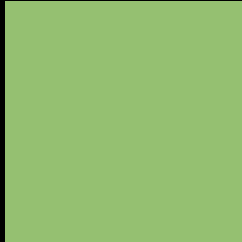
Large Text (above 18pt) WCAG AA × Fail

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, 192, 113 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, 192, 113 Background



This preview shows how black text looks on a background with the RGB color 149, 192, 113.



This preview shows how white text looks on a background with the RGB color 149, 192, 113.

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](#).

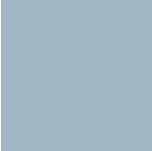
Dichromacy



Original Color
149, 192, 113

Protanopia
196, 179, 108

Deuteranopia
215, 171, 118



Tritanopia
161, 182, 197

Trichromacy



Original Color
149, 192, 113

Protanomaly
179, 184, 110

Deuteranomaly
191, 179, 116

Tritanomaly
157, 186, 166

Monochromacy



Original Color
149, 192, 113

Achromatopsia
170, 170, 170

Achromatomaly
162, 178, 149

CSS Examples

Text

The CSS property to change the color of the text to RGB 149, 192, 113 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, 192, 113)` looks like.

```
.text, #text, p{  
    color:rgb(149, 192, 113)  
}
```

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, 192, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 192, 113) }
```

Border

The CSS property to change the border of an element to RGB 149, 192, 113 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, 192, 113) }
```

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

```
.border{ border-color:rgb(149, 192, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 192, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 192, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 192, 113);  
box-shadow:4px 4px 4px 4px rgb(149, 192,  
113) }
```

Background

The CSS property to change the background color of an element to RGB 149, 192, 113 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 192, 113) }
```

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

```
.background{ background-color: rgb(149,  
192, 113) }
```

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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