

Converting Colors

RGB(109, 194, 149)

Have a look what the booklet for
RGB(109, 194, 149) contains.

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Color

RGB(109, 194, 149)

Conversions

Conversions Part 1

Format	Color
Hex	6DC295
RGB	109, 194, 149
RGB Percent	43%, 76%, 58%
CMY	0.5725, 0.2392, 0.4157
CMYK	0.44, 0.00, 0.23, 0.24
HSL	148°, 41%, 59%
HSV	148°, 44%, 76%
XYZ	31.0233, 44.0047, 35.2924
YIQ	163.4550, -36.2150, -32.0150

Conversions

Conversions Part 2

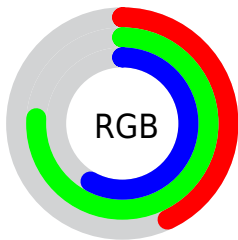
Format	Color
RYB	109, 167, 194
Decimal	7193237
CIELab	72.23, -36.05, 14.74
CIElCh	72, 38.946, 157.762
Yxy	44.0047, 0.2812, 0.3989
Android (android.graphics.Color)	4285383317 (0xFF6DC295)
YUV	163.4550, -7.1263, -47.7570
Hunter-Lab	66.3360, -32.6093, 14.8915

Details

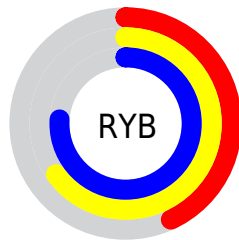
The RGB color **109, 194, 149** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **194, 109, 154**, and the grayscale version is **164, 164, 164**.

A 20% lighter version of the original color is **164, 251, 203**, and **54, 140, 98** is the 20% darker color. If you saturate the color by 10%, you get **90, 194, 139**, and if you desaturate by 10%, it is **128, 194, 159**.

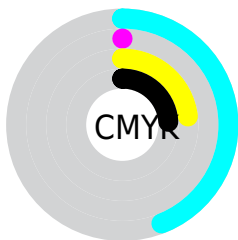
Distribution



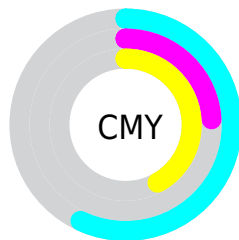
- Red (43%)
- Green (76%)
- Blue (58%)



- Red (43%)
- Yellow (65%)
- Blue (76%)



- Cyan (44%)
- Magenta (0%)
- Yellow (23%)
- Black (24%)



- Cyan (57%)
- Magenta (24%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the RGB color 109, 194, 149 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 109, 194, 149 by changing the saturation by 10% instead.

 109, 194, 149

255, 255, 255


 164, 251, 203


 193, 255, 231

 221, 255, 255

 251, 255, 255

 109, 194, 149

 82, 167, 123

 54, 140, 98

 21, 114, 74

 0, 89, 51

 0, 65, 30

 0, 42, 7

 0, 15, 0

 0, 0, 0

 109, 194, 149

 109, 194, 149

■ 90, 194, 139

■ 128, 194, 159

■ 70, 194, 128

■ 148, 194, 170

■ 51, 194, 118

■ 167, 194, 180

■ 31, 194, 108

■ 187, 194, 190

■ 12, 194, 98

■ 206, 194, 200

■ 0, 194, 91

■ 225, 194, 211

■ 245, 194, 221

■ 255, 194, 231

■ 255, 194, 241

Harmonies

Analogous

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



153, 188, 120



109, 194, 149



58, 196, 185

Triad

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



109, 194, 149



141, 177, 247



243, 155, 135

Complementary

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



109, 194, 149



194, 109, 154

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.



246, 149, 169



109, 194, 149



193, 164, 233

Square

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



109, 194, 149



78, 188, 242



229, 153, 205



223, 166, 112

Rectangle

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



109, 194, 149



22, 195, 209



229, 153, 205



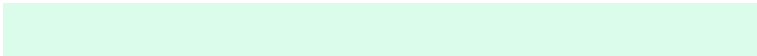
246, 152, 146

Sweetspot

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



109, 194, 149



220, 252, 235



154, 194, 109



107, 128, 117



0, 0, 0



128, 128, 128

Same Dimension

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



109, 194, 149



119, 252, 182



109, 194, 191



87, 97, 92



0, 161, 76



0, 33, 16

Inverse Universe

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



194, 109, 154



252, 119, 189



194, 109, 112



97, 87, 92



161, 0, 85



33, 0, 18

Previews

White Background



This preview shows how the RGB color 109, 194, 149 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 109, 194, 149 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 109, 194, 149 Background



This preview shows how black text looks on a background with the RGB color 109, 194, 149.

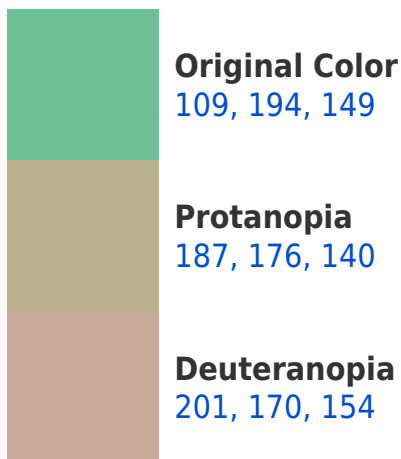


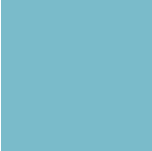
This preview shows how white text looks on a background with the RGB color 109, 194, 149.

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
122, 187, 202

Trichromacy



Original Color

109, 194, 149



Protanomaly

159, 183, 143



Deuteranomaly

168, 179, 152



Tritanomaly

117, 190, 183

Monochromacy



Original Color

109, 194, 149



Achromatopsia

163, 163, 163



Achromatomaly

143, 174, 158

CSS Examples

Text

The CSS property to change the color of the text to RGB 109, 194, 149 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(109, 194, 149)` looks like.

```
.text, #text, p{  
    color:rgb(109, 194, 149)  
}
```

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(109, 194, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 194, 149) }
```

Border

The CSS property to change the border of an element to RGB 109, 194, 149 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(109, 194, 149) }
```

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

```
.border{ border-color:rgb(109, 194, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 194, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(109, 194, 149); -webkit-box-shadow:4px 4px 4px 4px rgb(109, 194, 149); box-shadow:4px 4px 4px 4px rgb(109, 194, 149) }
```

Background

The CSS property to change the background color of an element to RGB 109, 194, 149 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 194, 149) }
```

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

```
.background{ background-color: rgb(109,  
194, 149) }
```

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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