

# Converting Colors

Hex(59CA3D)

Have a look what the booklet for  
Hex(59CA3D) contains.

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**Color**

**Hex(59CA3D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	59CA3D
RGB	89, 202, 61
RGB Percent	35%, 79%, 24%
CMY	0.6510, 0.2078, 0.7608
CMYK	0.56, 0.00, 0.70, 0.21
HSL	108°, 57%, 52%
HSV	108°, 70%, 79%
XYZ	26.0827, 44.7018, 11.6685
YIQ	152.1390, -22.0870, -67.8070

# Conversions

## Conversions Part 2

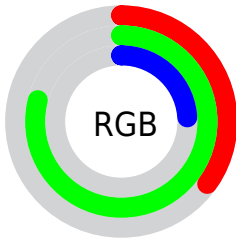
Format	Color
<a href="#">RYB</a>	<a href="#">61, 202, 174</a>
Decimal	<a href="#">5884477</a>
CIELab	<a href="#">72.70, -57.39, 57.92</a>
CIElCh	<a href="#">73, 81.539, 134.733</a>
Yxy	<a href="#">44.7018, 0.3163, 0.5421</a>
Android (android.graphics.Color)	<a href="#">4284074557</a> ( <a href="#">0xFF59CA3D</a> )
YUV	<a href="#">152.1390, -44.9315, -55.3729</a>
Hunter-Lab	<a href="#">66.8594, -47.3690, 36.4541</a>

# Details

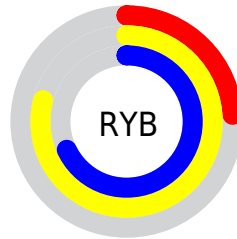
The Hex color **59CA3D** is a dark color, and the websafe version is hex **66CC33**. The color can be described as dark muted green. A complement of this color would be **AE3DCA**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **95FF74**, and **039300** is the 20% darker color. If you saturate the color by 10%, you get **49CA29**, and if you desaturate by 10%, it is **69CA51**.

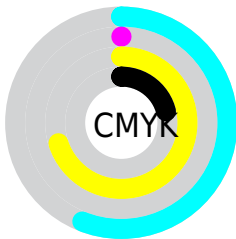
# Distribution



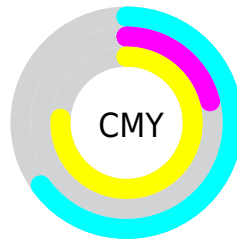
- Red (35%)
- Green (79%)
- Blue (24%)



- Red (24%)
- Yellow (79%)
- Blue (68%)



- Cyan (56%)
- Magenta (0%)
- Yellow (70%)
- Black (21%)



- Cyan (65%)
- Magenta (21%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 59CA3D 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 Hex color 59CA3D by changing the saturation by 10% instead.



 59CA3D

 59CA3D

FFFFFF

 38AE1F


 95FF74

 039300

 B3FF8F

 007800

 D0FFAB

 005E00

 EEFFC7

 004500

 FFFFE4

 002F00

 001100

 000000

 59CA3D

 59CA3D

 49CA29

 69CA51

 39CA15

 79CA65

 28CA00

 8ACA7A

 9ACA8E

 AACAA2

 BACAB6

 CACACA

 DBCADF

 EBCAF3

# Harmonies

## Analogous

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



B3BA00



59CA3D



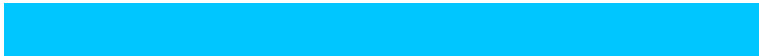
00D288

# Triad

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



59CA3D



00C6FF



FF6591

# Complementary

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



59CA3D



AE3DCA

# 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.



FF6BDC



59CA3D



50AFFF

# Square

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



59CA3D



00D1FF



E38DFF



FF804B

# Rectangle

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



59CA3D



00D4BC



E38DFF



FF62AA

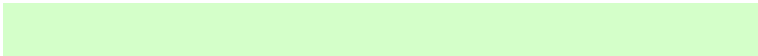


# Sweetspot

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



59CA3D



D4FFC9



CAAE3D



668060



000000



808080



# Same Dimension

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



59CA3D



53FF29



3DCA67



5E665C



21A600



082600



# Inverse Universe

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



AE3DCA



D429FF



CA3DA0



645C66



8500A6



1F0026



# Previews

## White Background



This preview shows how the Hex color 59CA3D 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 Hex color 59CA3D looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

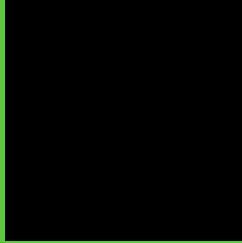
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 59CA3D Background



This preview shows how black text looks on a background with the Hex color 59CA3D.

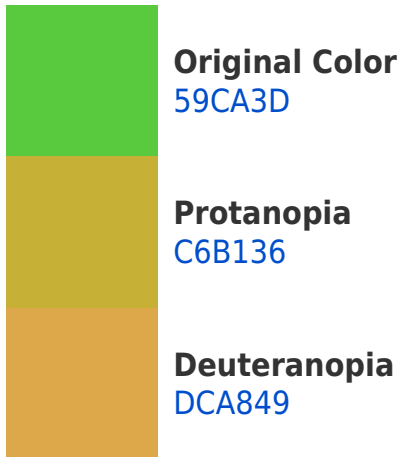


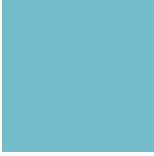
This preview shows how white text looks on a background with the Hex color 59CA3D.

# Color Blindness Simulation

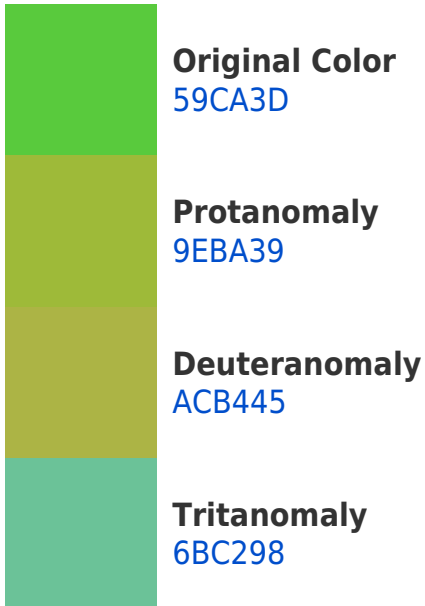
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

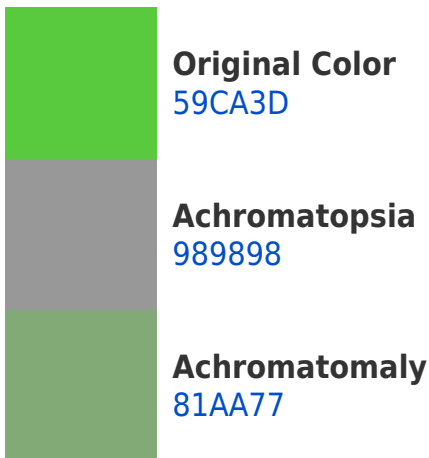




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 59CA3D 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 #59CA3D looks like.

```
.text, #text, p{  
    color:#59CA3D  
}
```

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 #59CA3D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #59CA3D
}
```

## Border

The CSS property to change the border of an element to Hex 59CA3D 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
#59CA3D }
```

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

```
.border{ border-color:#59CA3D }
```

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

Here you see how a box with a 4 pixel #59CA3D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #59CA3D; -webkit-box-shadow:4px 4px  
4px 4px #59CA3D; box-shadow:4px 4px 4px  
4px #59CA3D }
```

# Background

The CSS property to change the background color of an element to Hex 59CA3D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#59CA3D }
```

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

```
.background{ background-color:#59CA3D }
```

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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