

# Converting Colors

Hex(59FF43)

Have a look what the booklet for  
Hex(59FF43) contains.

<b>Hex(59FF43)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(59FF43)**

# Conversions

## Conversions Part 1

Format	Color
Hex	59FF43
RGB	89, 255, 67
RGB Percent	35%, 100%, 26%
CMY	0.6510, 0.0000, 0.7373
CMYK	0.65, 0.00, 0.74, 0.00
HSL	113°, 100%, 63%
HSV	113°, 74%, 100%
XYZ	40.8929, 74.0491, 17.4478
YIQ	183.9340, -38.5880, -93.6600

# Conversions

## Conversions Part 2

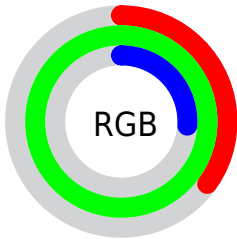
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">67, 255, 233</a>
Decimal	<a href="#">5898051</a>
CIELab	<a href="#">88.95, -74.89, 72.31</a>
CIELCh	<a href="#">89, 104.101, 136.005</a>
Yxy	<a href="#">74.0491, 0.3089, 0.5593</a>
Android (android.graphics.Color)	<a href="#">4284088131 (0xFF59FF43)</a>
YUV	<a href="#">183.9340, -57.6485, -83.2571</a>
Hunter-Lab	<a href="#">86.0518, -65.7651, 48.2146</a>

# Details

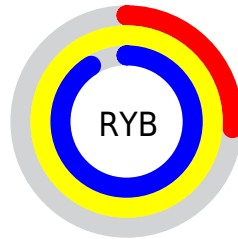
The Hex color **59FF43** is a dark color, and the websafe version is hex **66FF33**. The color can be described as middle washed green. A complement of this color would be **E943FF**, and the grayscale version is **B9B9B9**.

A 20% lighter version of the original color is **9DFF7E**, and **00C500** is the 20% darker color. If you saturate the color by 10%, you get **42FF29**, and if you desaturate by 10%, it is **70FF5C**.

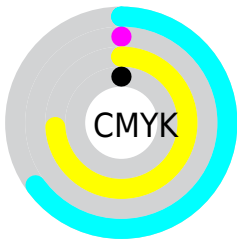
# Distribution



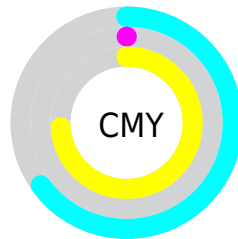
- Red (35%)
- Green (100%)
- Blue (26%)



- Red (26%)
- Yellow (100%)
- Blue (91%)



- Cyan (65%)
- Magenta (0%)
- Yellow (74%)
- Black (0%)



- Cyan (65%)
- Magenta (0%)
- Yellow (74%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 59FF43 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 59FF43 by changing the saturation by 10% instead.



 59FF43

 59FF43

FFFFFF

 2DE21F

 9DFF7E

 00C500

 B DFF9B

 00A900

 DCFFB8

 008D00

 FCFFD5

 007200

 FFFFF3

 005800

 003F00

 002500

 000000

 59FF43

 59FF43

 42FF29

 70FF5C

 2CFF10

 86FF76

 1EFF00

 9DFF90

 B3FFA9

 CAFFC3

 E0FFDC

 F7FFF5

FFFFFF

# Harmonies

## Analogous

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



DAEB00



59FF43



00FFAC

# Triad

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



59FF43



00F8FF



FF72AF

# Complementary

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



59FF43



E943FF

# 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.



FF79FF



59FF43



59D9FF

# Square

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



59FF43



00FFFF



FFAAFF



FF9C51

# Rectangle

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



59FF43



00FFF1



FFAAFF



FF6CD0

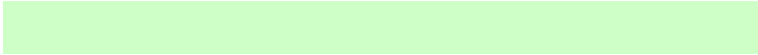


# Sweetspot

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



59FF43



CDFFC7



FFE643



62805E



000000



808080



# Same Dimension

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



59FF43



39FF1F



43FF88



748073



16BF00



074000



# Inverse Universe

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



E943FF



E51FFF



FF43BA



7E7380



A900BF

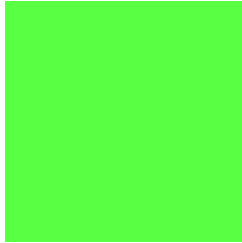


380040



# Previews

## White Background



This preview shows how the Hex color 59FF43 looks on a white background.

## Color Contrast Check

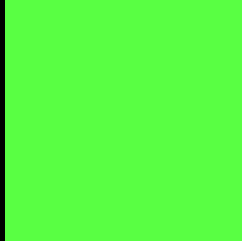
Large Text (above 18pt) WCAG AA × Fail

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 59FF43 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 59FF43 Background



This preview shows how black text looks on a background with the Hex color 59FF43.

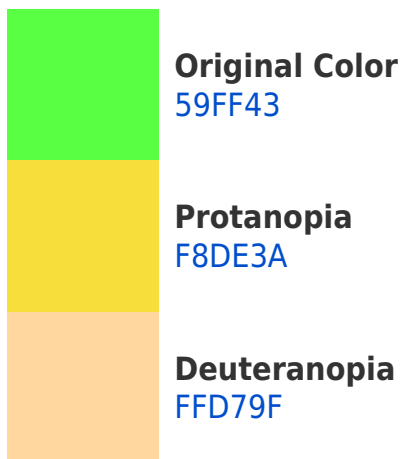


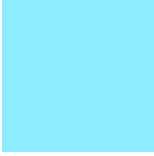
This preview shows how white text looks on a background with the Hex color 59FF43.

# 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](#).

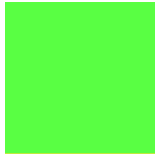
## Dichromacy





**Tritanopia**  
8DEDFE

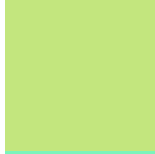
# Trichromacy



**Original Color**  
59FF43



**Protanomaly**  
BEEA3D

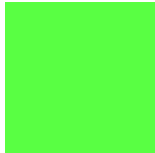


**Deuteranomaly**  
C3E67E



**Tritanomaly**  
7AF4BB

# Monochromacy



**Original Color**  
59FF43



**Achromatopsia**  
B8B8B8



**Achromatomaly**  
95D28D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 59FF43 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 #59FF43 looks like.

```
.text, #text, p{  
    color:#59FF43  
}
```

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 #59FF43 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #59FF43
}
```

## Border

The CSS property to change the border of an element to Hex 59FF43 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
#59FF43 }
```

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

```
.border{ border-color:#59FF43 }
```

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

Here you see how a box with a 4 pixel #59FF43 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #59FF43; -webkit-box-shadow:4px 4px  
4px 4px #59FF43; box-shadow:4px 4px 4px  
4px #59FF43 }
```

# Background

The CSS property to change the background color of an element to Hex 59FF43 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#59FF43 }
```

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

```
.background{ background-color:#59FF43 }
```

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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