

# Converting Colors

Hex(5CFF4C)

Have a look what the booklet for  
Hex(5CFF4C) contains.

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**Color**

**Hex(5CFF4C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5CFF4C
RGB	92, 255, 76
RGB Percent	36%, 100%, 30%
CMY	0.6392, 0.0000, 0.7020
CMYK	0.64, 0.00, 0.70, 0.00
HSL	115°, 100%, 65%
HSV	115°, 70%, 100%
XYZ	41.4781, 74.3171, 18.9960
YIQ	185.8570, -39.6890, -90.2250

# Conversions

## Conversions Part 2

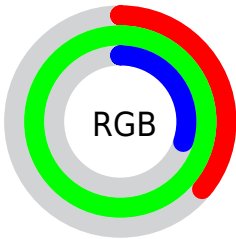
Format	Color
<a href="#">RYB</a>	<a href="#">76, 255, 239</a>
Decimal	<a href="#">6094668</a>
CIELab	<a href="#">89.07, -73.64, 69.40</a>
CIELCh	<a href="#">89, 101.194, 136.697</a>
Yxy	<a href="#">74.3171, 0.3077, 0.5513</a>
Android (android.graphics.Color)	<a href="#">4284284748 (0xFF5CFF4C)</a>
YUV	<a href="#">185.8570, -54.1595, -82.3126</a>
Hunter-Lab	<a href="#">86.2074, -64.9787, 47.2805</a>

# Details

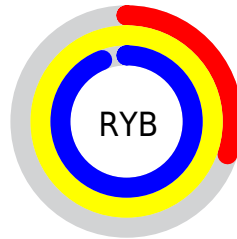
The Hex color **5CFF4C** is a dark color, and the websafe version is hex **66FF33**. The color can be described as middle washed green. A complement of this color would be **EF4CFF**, and the grayscale version is **BABABA**.

A 20% lighter version of the original color is **9FFF86**, and **00C500** is the 20% darker color. If you saturate the color by 10%, you get **45FF33**, and if you desaturate by 10%, it is **73FF66**.

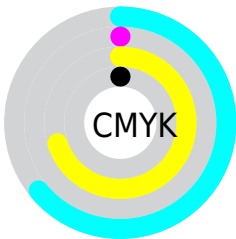
# Distribution



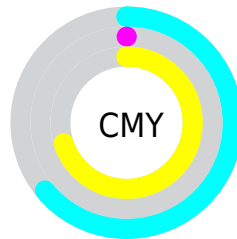
- Red (36%)
- Green (100%)
- Blue (30%)



- Red (30%)
- Yellow (100%)
- Blue (94%)



- Cyan (64%)
- Magenta (0%)
- Yellow (70%)
- Black (0%)



- Cyan (64%)
- Magenta (0%)
- Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5CFF4C 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 5CFF4C by changing the saturation by 10% instead.



 5CFF4C

 5CFF4C

FFFFFF

 32E22C


 9FFF86

 00C500

 BEFFA2

 00A900

 DEFFBF

 008D00

 FDFFD C

 007200

 FFFFA

 005800

 003F00

 002600

 000000

 5CFF4C

 5CFF4C

 45FF33

 73FF66

 2EFF19

 8AFF7F

 17FF00

 A2FF99

 B9FFB2

 D0FFCC

 E7FFE5

FFFFFF

# Harmonies

## Analogous

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



D9EC00



5CFF4C



00FFB0

# Triad

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



5CFF4C



00F7FF



FF78AE

# Complementary

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



5CFF4C



EF4CFF

# 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.



FF7EFF



5CFF4C



6ED9FF

# Square

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



5CFF4C



00FFFF



FFABFF



FFA053

# Rectangle

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



5CFF4C



00FFF4



FFABFF



FF73CE

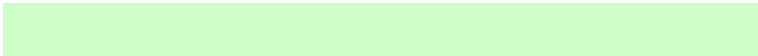


# Sweetspot

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



5CFF4C



CEFFC9



FFED4C



628060



000000



808080



# Same Dimension

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



5CFF4C



3CFF29



4CFF94



748073



11BF00



064000



# Inverse Universe

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



EF4CFF



EC29FF



FF4CB7



7E7380



AE00BF

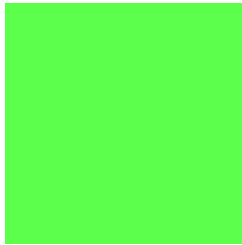


3A0040



# Previews

## White Background



This preview shows how the Hex color 5CFF4C looks on a white background.

## Color Contrast Check

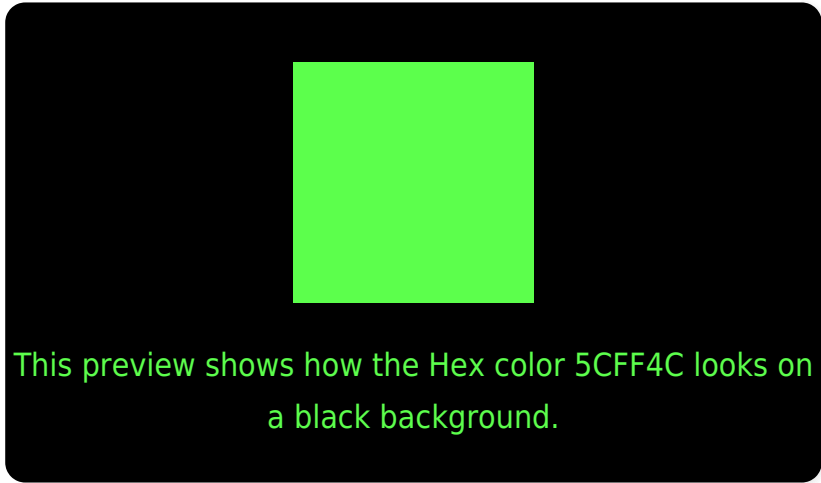
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## 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 5CFF4C Background



This preview shows how black text looks on a background with the Hex color 5CFF4C.

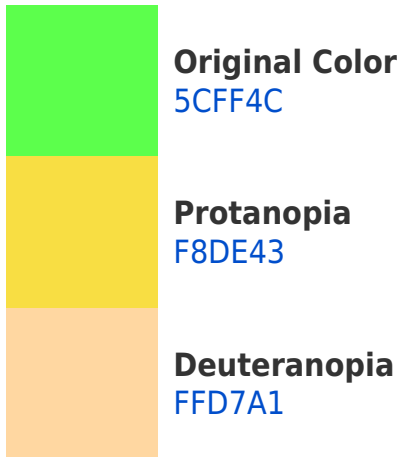


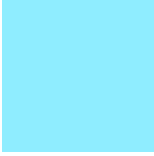
This preview shows how white text looks on a background with the Hex color 5CFF4C.

# 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**  
8FEDFF

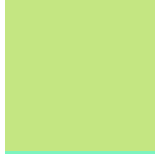
# Trichromacy



**Original Color**  
5CFF4C



**Protanomaly**  
BFEA46

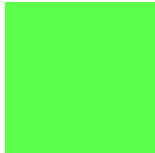


**Deuteranomaly**  
C4E682



**Tritanomaly**  
7CF4BE

# Monochromacy



**Original Color**  
5CFF4C



**Achromatopsia**  
BABABA



**Achromatomaly**  
98D392

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5CFF4C 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 #5CFF4C looks like.

```
.text, #text, p{  
    color:#5CFF4C  
}
```

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 #5CFF4C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5CFF4C
}
```

## Border

The CSS property to change the border of an element to Hex 5CFF4C 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
#5CFF4C }
```

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

```
.border{ border-color:#5CFF4C }
```

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

Here you see how a box with a 4 pixel #5CFF4C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5CFF4C; -webkit-box-shadow:4px 4px  
4px 4px #5CFF4C; box-shadow:4px 4px 4px  
4px #5CFF4C }
```

# Background

The CSS property to change the background color of an element to Hex 5CFF4C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5CFF4C }
```

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

```
.background{ background-color:#5CFF4C }
```

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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