

# Converting Colors

Hex(4FFC3E)

Have a look what the booklet for  
Hex(4FFC3E) contains.

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**Color**

**Hex(4FFC3E)**

# Conversions

## Conversions Part 1

| Format      | Color                        |
|-------------|------------------------------|
| Hex         | 4FFC3E                       |
| RGB         | 79, 252, 62                  |
| RGB Percent | 31%, 99%, 24%                |
| CMY         | 0.6902, 0.0118, 0.7569       |
| CMYK        | 0.69, 0.00, 0.75, 0.01       |
| HSL         | 115°, 97%, 62%               |
| HSV         | 115°, 75%, 99%               |
| XYZ         | 38.9044, 71.6309, 16.3331    |
| YIQ         | 178.6130, -42.1180, -95.7660 |

# Conversions

## Conversions Part 2

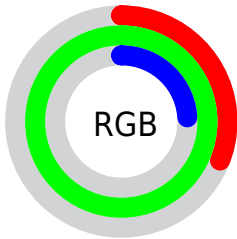
| Format                              | Color  |
|-------------------------------------|--|
| <a href="#">RYB</a>                 | <a href="#">62, 252, 235</a>                     |
| Decimal                             | <a href="#">5241918</a>                          |
| CIELab                              | <a href="#">87.79, -76.13, 72.68</a>             |
| CIELCh                              | <a href="#">88, 105.256, 136.328</a>             |
| Yxy                                 | <a href="#">71.6309, 0.3067,<br/>0.5646</a>      |
| Android<br>(android.graphics.Color) | <a href="#">4283431998<br/>(0xFF4FFC3E)</a>      |
| YUV                                 | <a href="#">178.6130, -57.4902,<br/>-87.3606</a> |
| Hunter-Lab                          | <a href="#">84.6350, -66.0598,<br/>47.8026</a>   |

# Details

The Hex color **4FFC3E** is a dark color, and the websafe version is hex **66FF33**. The color can be described as dark washed green. A complement of this color would be **EB3EFC**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **95FF7A**, and **00C200** is the 20% darker color. If you saturate the color by 10%, you get **38FC25**, and if you desaturate by 10%, it is **66FC57**.

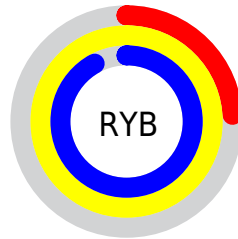
# Distribution



Red (31%)

Green (99%)

Blue (24%)



Red (24%)

Yellow (99%)

Blue (92%)

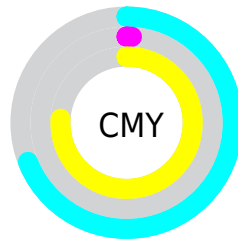


Cyan (69%)

Magenta (0%)

Yellow (75%)

Black (1%)



Cyan (69%)

Magenta (1%)

Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4FFC3E 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 4FFC3E by changing the saturation by 10% instead.



 4FFC3E

FFFFFF

 95FF7A

 B5FF97

 D5FFB3

 F5FFD1

 FFFFEE

 4FFC3E

 1ADF17

 00C200

 00A600

 008A00

 006F00

 005500

 003D00

 002200

 000000

 4FFC3E

 4FFC3E

 38FC25

 66FC57

 21FC0C

 7DFC70

 17FC00

 94FC8A

 ABFCA3

 C2FCBC

 D9FCD5

 F0FCEE

 FFFCFF

# Harmonies

## Analogous

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



D5E800



4FFC3E



00FFA9

# Triad

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



4FFC3E



00F5FF



FF6BAA

# Complementary

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



4FFC3E



EB3EFC

# 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.



FF72FF



4FFC3E



52D5FF

# Square

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



4FFC3E



00FFFF



FFA5FF



FF984B

# Rectangle

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



4FFC3E



00FFEF



FFA5FF



FF65CB

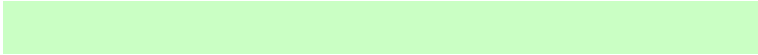


# Sweetspot

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



4FFC3E



CAFFC4



FCE93E



5F805C



000000



808080



# Same Dimension

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



4FFC3E



2EFF19



3EFC8A



727D70



11BD00



053D00



# Inverse Universe

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



EB3EFC



EA19FF



FC3EB0



7C707D



AC00BD

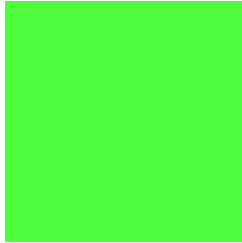


38003D



# Previews

## White Background



This preview shows how the Hex color 4FFC3E 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 4FFC3E 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 4FFC3E Background



This preview shows how black text looks on a background with the Hex color 4FFC3E.

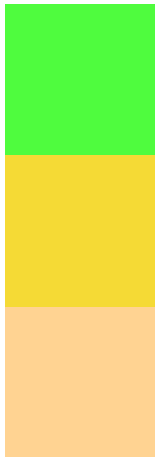


This preview shows how white text looks on a background with the Hex color 4FFC3E.

# 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](#).

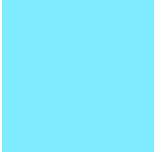
## Dichromacy



**Original Color**  
4FFC3E

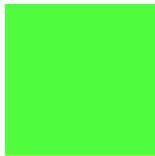
**Protanopia**  
F5DA35

**Deuteranopia**  
FFD392

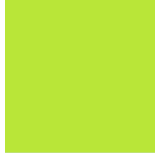


**Tritanopia**  
7FEBFE

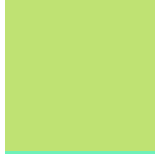
# Trichromacy



**Original Color**  
4FFC3E



**Protanomaly**  
B9E638



**Deuteranomaly**  
BFE273

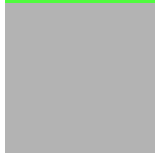


**Tritanomaly**  
6EF1B8

# Monochromacy



**Original Color**  
4FFC3E



**Achromatopsia**  
B3B3B3



**Achromatomaly**  
8FCE88

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4FFC3E 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 #4FFC3E looks like.

```
.text, #text, p{  
    color:#4FFC3E  
}
```

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 #4FFC3E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4FFC3E
}
```

## Border

The CSS property to change the border of an element to Hex 4FFC3E 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
#4FFC3E }
```

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

```
.border{ border-color:#4FFC3E }
```

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

Here you see how a box with a 4 pixel #4FFC3E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4FFC3E; -webkit-box-shadow:4px 4px  
4px 4px #4FFC3E; box-shadow:4px 4px 4px  
4px #4FFC3E }
```

# Background

The CSS property to change the background color of an element to Hex 4FFC3E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4FFC3E }
```

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

```
.background{ background-color:#4FFC3E }
```

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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