

Converting Colors

Hex(4EFF3C)

Have a look what the booklet for
Hex(4EFF3C) contains.

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Color

Hex(4EFF3C)

Conversions

Conversions Part 1

Format	Color
Hex	4EFF3C
RGB	78, 255, 60
RGB Percent	31%, 100%, 24%
CMY	0.6941, 0.0000, 0.7647
CMYK	0.69, 0.00, 0.76, 0.00
HSL	114°, 100%, 62%
HSV	114°, 76%, 100%
XYZ	39.7175, 73.4659, 16.3620
YIQ	179.8470, -42.8970, -98.1690

Conversions

Conversions Part 2

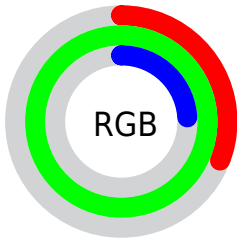
Format	Color
RYB	60, 255, 237
Decimal	5177148
CIELab	88.67, -77.35, 74.13
CIELCh	89, 107.141, 136.216
Yxy	73.4659, 0.3066, 0.5671
Android (android.graphics.Color)	4283367228 (0xFF4EFF3C)
YUV	179.8470, -59.0846, -89.3198
Hunter-Lab	85.7123, -67.2829, 48.6805

Details

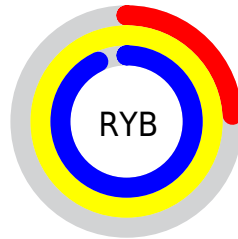
The Hex color **4EFF3C** is a dark color, and the websafe version is hex **33FF33**. The color can be described as dark washed green. A complement of this color would be **ED3CFF**, and the grayscale version is **B4B4B4**.

A 20% lighter version of the original color is **95FF79**, and **00C500** is the 20% darker color. If you saturate the color by 10%, you get **37FF22**, and if you desaturate by 10%, it is **65FF56**.

Distribution



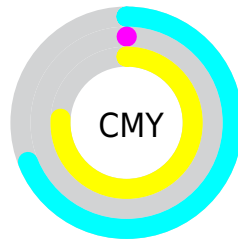
- Red (31%)
- Green (100%)
- Blue (24%)



- Red (24%)
- Yellow (100%)
- Blue (93%)



- Cyan (69%)
- Magenta (0%)
- Yellow (76%)
- Black (0%)



- Cyan (69%)
- Magenta (0%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4EFF3C 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 4EFF3C by changing the saturation by 10% instead.

 4EFF3C

 4EFF3C

FFFFFF

 15E212

 95FF79

 00C500

 B5FF95

 00A800

 D5FFB3

 008D00

 F5FFD0

 007200

 FFFFEE

 005700

 003F00

 002400

 000000

 4EFF3C

 4EFF3C

 37FF22

 65FF56

 20FF09

 7CFF6F

 18FF00

 93FF89

 ABFFA2

 C2FFBC

 D9FFD5

 F0FFE7

FFFFFF

Harmonies

Analogous

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



D7EB00



4EFF3C



00FFAA

Triad

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



4EFF3C



00F8FF



FF6AAC

Complementary

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



4EFF3C



ED3CFF

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.



FF71FF



4EFF3C



4BD8FF

Square

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



4EFF3C



00FFFF



FFA6FF



FF994A

Rectangle

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



4EFF3C



00FFF2



FFA6FF



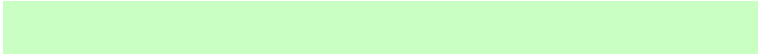
FF64CE

Sweetspot

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



4EFF3C



CAFFC4



FFEB3C



5F805C



000000



808080

Same Dimension

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



4EFF3C



2AFF14



3CFF8A



748073



12BF00



064000

Inverse Universe

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



ED3CFF



E914FF



FF3CB1



7E7380



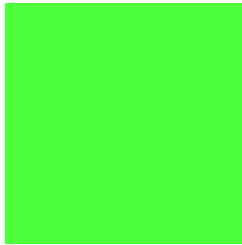
AE00BF



3A0040

Previews

White Background



This preview shows how the Hex color 4EFF3C looks on a white background.

Color Contrast Check

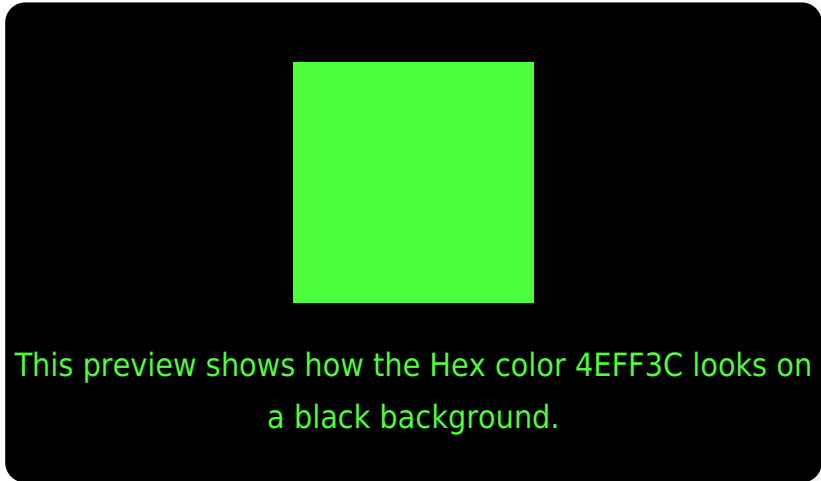
Large Text (above 18pt) WCAG AA × Fail

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 4EFF3C Background



This preview shows how black text looks on a background with the Hex color 4EFF3C.

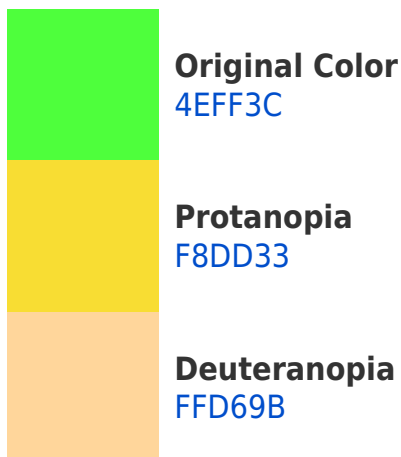


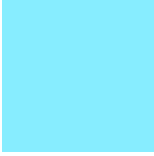
This preview shows how white text looks on a background with the Hex color 4EFF3C.

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](#).

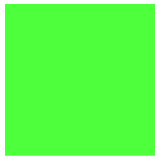
Dichromacy





Tritanopia
87EDFF

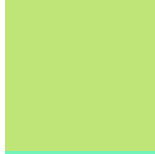
Trichromacy



Original Color
4EFF3C



Protanomaly
BAE936

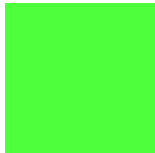


Deuteranomaly
BFE578

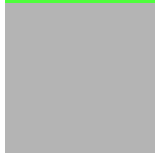


Tritanomaly
72F4B8

Monochromacy



Original Color
4EFF3C



Achromatopsia
B4B4B4



Achromatomaly
8FCF88

CSS Examples

Text

The CSS property to change the color of the text to Hex 4EFF3C 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 #4EFF3C looks like.

```
.text, #text, p{  
    color:#4EFF3C  
}
```

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 #4EFF3C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4EFF3C
}
```

Border

The CSS property to change the border of an element to Hex 4EFF3C 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
#4EFF3C }
```

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

```
.border{ border-color:#4EFF3C }
```

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

Here you see how a box with a 4 pixel #4EFF3C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4EFF3C; -webkit-box-shadow:4px 4px  
4px 4px #4EFF3C; box-shadow:4px 4px 4px  
4px #4EFF3C }
```

Background

The CSS property to change the background color of an element to Hex 4EFF3C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4EFF3C }
```

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

```
.background{ background-color:#4EFF3C }
```

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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