

# Converting Colors

Hex(5EFF0F)

Have a look what the booklet for  
Hex(5EFF0F) contains.

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**Color**

**Hex(5EFF0F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5EFF0F
RGB	94, 255, 15
RGB Percent	37%, 100%, 6%
CMY	0.6314, 0.0000, 0.9412
CMYK	0.63, 0.00, 0.94, 0.00
HSL	100°, 100%, 53%
HSV	100°, 94%, 100%
XYZ	40.4623, 73.9342, 12.5901
YIQ	179.5010, -18.9160, -108.7720

# Conversions

## Conversions Part 2

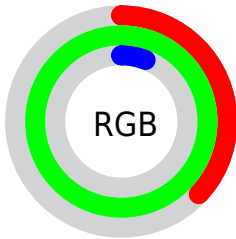
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">15, 255, 176</a>
Decimal	<a href="#">6225679</a>
CIELab	<a href="#">88.89, -75.99, 83.41</a>
CIELCh	<a href="#">89, 112.833, 132.333</a>
Yxy	<a href="#">73.9342, 0.3186, 0.5822</a>
Android (android.graphics.Color)	<a href="#">4284415759</a> ( <a href="#">0xFF5EFF0F</a> )
YUV	<a href="#">179.5010, -81.0990, -74.9844</a>
Hunter-Lab	<a href="#">85.9850, -66.4762, 51.5081</a>

# Details

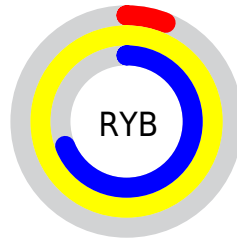
The Hex color **5EFF0F** is a dark color, and the websafe version is hex **66FF00**. The color can be described as dark saturated green. A complement of this color would be **B00FFF**, and the grayscale version is **B4B4B4**.

A 20% lighter version of the original color is **A2FF60**, and **00C500** is the 20% darker color. If you saturate the color by 10%, you get **54FF00**, and if you desaturate by 10%, it is **6FFF29**.

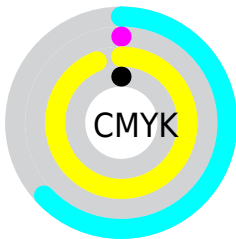
# Distribution



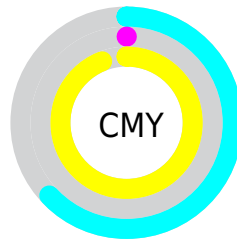
- Red (37%)
- Green (100%)
- Blue (6%)



- Red (6%)
- Yellow (100%)
- Blue (69%)



- Cyan (63%)
- Magenta (0%)
- Yellow (94%)
- Black (0%)



- Cyan (63%)
- Magenta (0%)
- Yellow (94%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5EFF0F 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 5EFF0F by changing the saturation by 10% instead.



 5EFF0F

 5EFF0F

FFFFFF

 33E200


 A2FF60

 00C500

 C2FF7F

 00A900

 E2FF9D

 008D00

 FFFFBA

 007200

 FFFFD8

 005800

 FFFFF6

 003F00

 002500

 000000


 5EFF0F

 5EFF0F

 54FF00

 6FFF29

 80FF42

 91FF5C

 A2FF75

 B4FF8F

 C5FFA8

 D6FFC2

 E7FFDB

 F8FFF5

# Harmonies

## Analogous

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



E3E900



5EFF0F



00FF99

# Triad

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



5EFF0F



00DFFF



FF58B8

# Complementary

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



5EFF0F



B00FFF

# 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.



FF6DFF



5EFF0F



00DEFF

# Square

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



5EFF0F



00FFFF



FFABFF



FF8C50

# Rectangle

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



5EFF0F



00FFE5



FFABFF



FF55DC

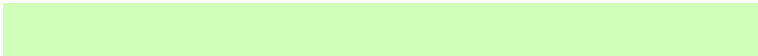


# Sweetspot

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



5EFF0F



CFFFB8



FFAF0F



628054



000000



808080



# Same Dimension

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



5EFF0F



54FF00



0FFF37



778073



3FBF00



154000



# Inverse Universe

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



B00FFF



AB00FF



FF0FD7



7B7380



8000BF

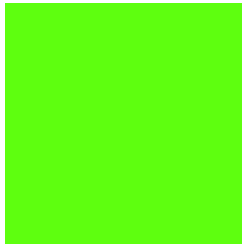


2B0040



# Previews

## White Background



This preview shows how the Hex color 5EFF0F looks on a white background.

## Color Contrast Check

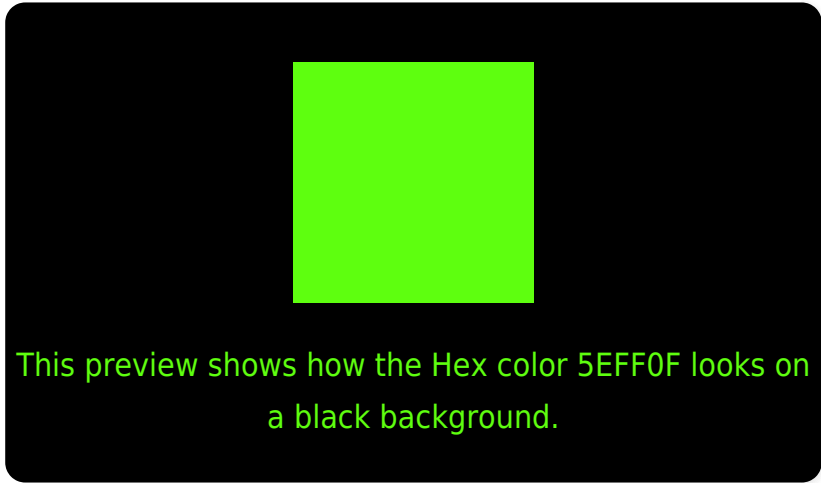
Large Text (above 18pt) WCAG AA × Fail

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

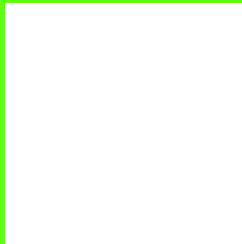
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 5EFF0F Background



This preview shows how black text looks on a background with the Hex color 5EFF0F.

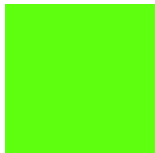


This preview shows how white text looks on a background with the Hex color 5EFF0F.

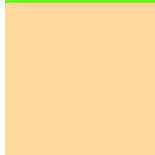
# Color Blindness Simulation

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**  
5EFF0F

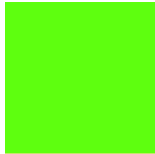


**Deuteranopia**  
FFD79C

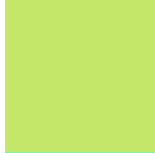


**Tritanopia**  
8EECFE

# Trichromacy



**Original Color**  
5EFF0F

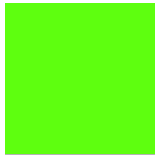


**Deuteranomaly**  
C4E669



**Tritanomaly**  
7DF3A8

# Monochromacy



**Original Color**  
5EFF0F



**Achromatopsia**  
B4B4B4



**Achromatomaly**  
95CF78

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5EFF0F 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 #5EFF0F looks like.

```
.text, #text, p{  
    color:#5EFF0F  
}
```

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 #5EFF0F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5EFF0F
}
```

## Border

The CSS property to change the border of an element to Hex 5EFF0F 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".

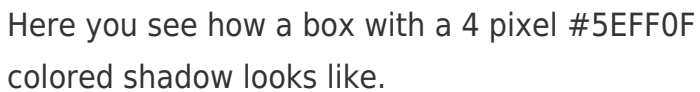
```
.border, #border, table{ border:4px solid
#5EFF0F }
```

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

```
.border{ border-color:#5EFF0F }
```

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

Here you see how a box with a 4 pixel #5EFF0F colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5EFF0F; -webkit-box-shadow:4px 4px  
4px 4px #5EFF0F; box-shadow:4px 4px 4px  
4px #5EFF0F }
```

# Background

The CSS property to change the background color of an element to Hex 5EFF0F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5EFF0F }
```

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

```
.background{ background-color:#5EFF0F }
```

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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