

Converting Colors

Hex(5EF501)

Have a look what the booklet for
Hex(5EF501) contains.

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Color

Hex(5EF501)

Conversions

Conversions Part 1

Format	Color
Hex	5EF501
RGB	94, 245, 1
RGB Percent	37%, 96%, 0%
CMY	0.6314, 0.0392, 0.9961
CMYK	0.62, 0.00, 1.00, 0.04
HSL	97°, 99%, 48%
HSV	97°, 100%, 96%
XYZ	37.2740, 67.6867, 11.1290
YIQ	172.0350, -11.6720, -107.8960

Conversions

Conversions Part 2

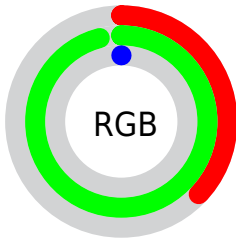
Format	Color
RYB	1, 245, 152
Decimal	6223105
CIELab	85.85, -73.03, 82.09
CIELCh	86, 109.871, 131.655
Yxy	67.6867, 0.3211, 0.5831
Android (android.graphics.Color)	4284413185 (0xFF5EF501)
YUV	172.0350, -84.3203, -68.4367
Hunter-Lab	82.2719, -63.1049, 49.5701

Details

The Hex color **5EF501** 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 **9801F5**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **A1FF5B**, and **00BB00** is the 20% darker color. If you saturate the color by 10%, you get **5DF500**, and if you desaturate by 10%, it is **6DF519**.

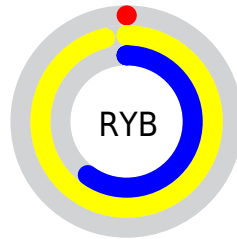
Distribution



Red (37%)

Green (96%)

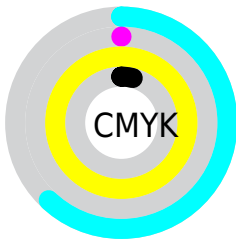
Blue (0%)



Red (0%)

Yellow (96%)

Blue (60%)

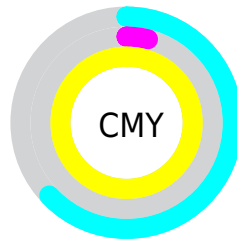


Cyan (62%)

Magenta (0%)

Yellow (100%)

Black (4%)



Cyan (63%)

Magenta (4%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5EF501 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 5EF501 by changing the saturation by 10% instead.

 5EF501

 5EF501

FFFFFF

 35D800


 A1FF5B

 00BB00

 C0FF79

 009F00

 E0FF97

 008400

 FFFFB5

 006900

 FFFFD3

 004F00

 FFFFF1

 003700

 001D00

 000000

 5EF501

 5EF501

 5DF500

 6DF519

 7CF532

 8BF54A

 9BF563

 AAF57B

 B9F594

 C8F5AD

 D7F5C5

 E6F5DE

Harmonies

Analogous

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



DDDF00



5EF501



00FF91

Triad

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



5EF501



00F4FF



FF53B3

Complementary

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



5EF501



9801F5

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.



FF69FF



5EF501



00D6FF

Square

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



5EF501



00FFFF



FFA5FF



FF854E

Rectangle

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



5EF501



00FFDA



FFA5FF



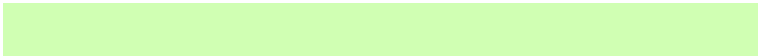
FF50D6

Sweetspot

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



5EF501



D0FFB3



F59701



638052



000000



808080

Same Dimension

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



5EF501



61FF00



01F51D



737A6E



47BA00



163B00

Inverse Universe

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



9801F5



9E00FF



F501D9



766E7A



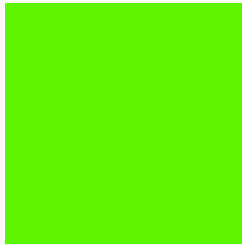
7300BA



24003B

Previews

White Background



This preview shows how the Hex color 5EF501 looks on a white background.

Color Contrast Check

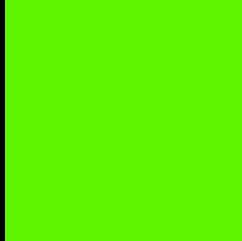
Large Text (above 18pt) WCAG AA × Fail

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 5EF501 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

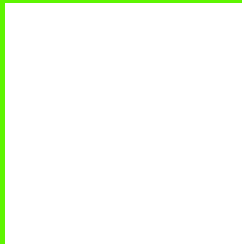
Any Text WCAG AAA ✓ Pass

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

Hex 5EF501 Background



This preview shows how black text looks on a background with the Hex color 5EF501.

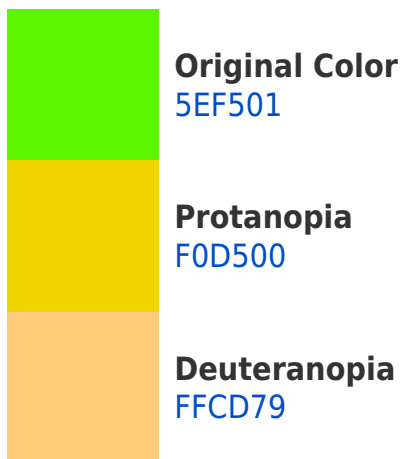


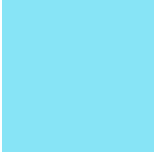
This preview shows how white text looks on a background with the Hex color 5EF501.

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](#).

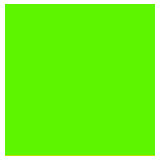
Dichromacy





Tritanopia
87E4F6

Trichromacy



Original Color
5EF501



Protanomaly
BBE100



Deuteranomaly
C4DC4D

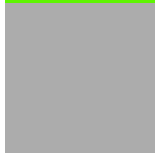


Tritanomaly
78EA9D

Monochromacy



Original Color
5EF501



Achromatopsia
ACACAC



Achromatomaly
90C76E

CSS Examples

Text

The CSS property to change the color of the text to Hex 5EF501 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 #5EF501 looks like.

```
.text, #text, p{  
    color:#5EF501  
}
```

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 #5EF501 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5EF501
}
```

Border

The CSS property to change the border of an element to Hex 5EF501 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
#5EF501 }
```

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

```
.border{ border-color:#5EF501 }
```

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

Here you see how a box with a 4 pixel #5EF501 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5EF501; -webkit-box-shadow:4px 4px  
4px 4px #5EF501; box-shadow:4px 4px 4px  
4px #5EF501 }
```

Background

The CSS property to change the background color of an element to Hex 5EF501 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5EF501 }
```

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

```
.background{ background-color:#5EF501 }
```

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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