

Converting Colors

Hex(5EF00A)

Have a look what the booklet for
Hex(5EF00A) contains.

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Color

Hex(5EF00A)

Conversions

Conversions Part 1

Format	Color
Hex	5EF00A
RGB	94, 240, 10
RGB Percent	37%, 94%, 4%
CMY	0.6314, 0.0588, 0.9608
CMYK	0.61, 0.00, 0.96, 0.06
HSL	98°, 92%, 49%
HSV	98°, 96%, 94%
XYZ	35.8310, 64.7218, 10.8912
YIQ	170.1260, -13.1860, -102.4820

Conversions

Conversions Part 2

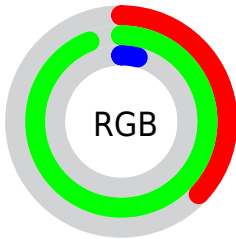
Format	Color
RYB	10, 240, 156
Decimal	6221834
CIELab	84.34, -71.30, 80.16
CIELCh	84, 107.284, 131.654
Yxy	64.7218, 0.3215, 0.5808
Android (android.graphics.Color)	4284411914 (0xFF5EF00A)
YUV	170.1260, -78.9421, -66.7625
Hunter-Lab	80.4498, -61.2864, 48.2883

Details

The Hex color **5EF00A** is a dark color, and the websafe version is hex **66FF33**. The color can be described as dark saturated green. A complement of this color would be **9C0AF0**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **A0FF5C**, and **00B700** is the 20% darker color. If you saturate the color by 10%, you get **58F000**, and if you desaturate by 10%, it is **6DF022**.

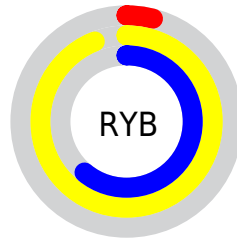
Distribution



Red (37%)

Green (94%)

Blue (4%)



Red (4%)

Yellow (94%)

Blue (61%)

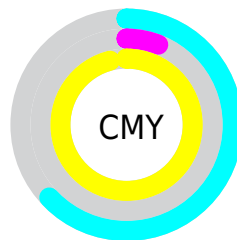


Cyan (61%)

Magenta (0%)

Yellow (96%)

Black (6%)



Cyan (63%)

Magenta (6%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5EF00A 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 5EF00A by changing the saturation by 10% instead.

 5EF00A

 5EF00A


FFFFFF

 37D300

 A0FF5C

 00B700

 BFFF7A

 009B00

 DFFF98

 008000

 FEFFB5

 006500

 FFFFD3

 004B00

 FFFFF1

 003300

 001800

 000000

 5EF00A

 5EF00A

 58F000

 6DF022

 7CF03A

 8CF052

 9BF06A

 AAF082

 B9F09A

 C9F0B2

 D8F0CA

 E7F0E2

Harmonies

Analogous

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



D9DB00



5EF00A



00FB8E

Triad

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



5EF00A



00EFFF



FF54B0

Complementary

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



5EF00A



9C0AF0

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



5EF00A



00D2FF

Square

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



5EF00A



00FCFF



FFA2FF



FF834E

Rectangle

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



5EF00A



00FED5



FFA2FF



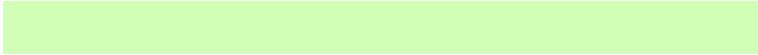
FF52D1

Sweetspot

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



5EF00A



D0FFB5



F09C0A



638053



000000



808080

Same Dimension

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



5EF00A



5DFF00



0AF029



70786C



43B800



143800

Inverse Universe

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



9C0AF0



A200FF



F00AD1



736C78



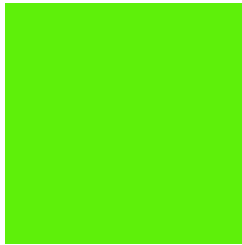
7500B8



240038

Previews

White Background



This preview shows how the Hex color 5EF00A looks on a white background.

Color Contrast Check

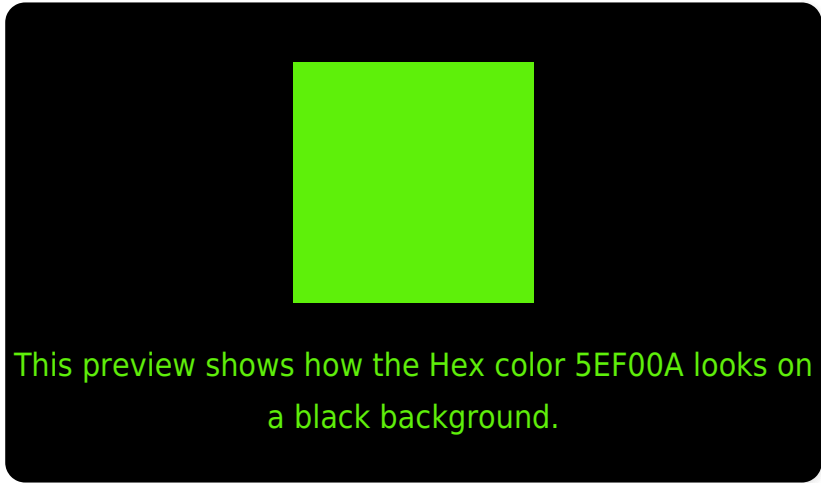
Large Text (above 18pt) WCAG AA × Fail

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

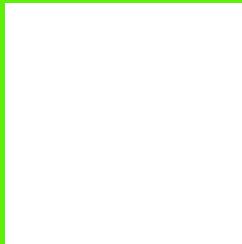
Any Text WCAG AAA ✓ Pass

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

Hex 5EF00A Background



This preview shows how black text looks on a background with the Hex color 5EF00A.



This preview shows how white text looks on a background with the Hex color 5EF00A.

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](#).

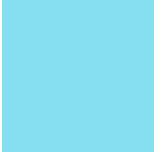
Dichromacy



Original Color
5EF00A

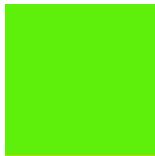
Protanopia
EBD100

Deuteranopia
FFC862



Tritanopia
86DFF1

Trichromacy



Original Color
5EF00A



Protanomaly
B8DC04



Deuteranomaly
C4D742

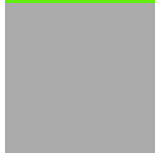


Tritanomaly
77E59D

Monochromacy



Original Color
5EF00A



Achromatopsia
AAAAAA



Achromatomaly
8EC370

CSS Examples

Text

The CSS property to change the color of the text to Hex 5EF00A 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 #5EF00A looks like.

```
.text, #text, p{  
    color:#5EF00A  
}
```

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 #5EF00A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5EF00A
}
```

Border

The CSS property to change the border of an element to Hex 5EF00A 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
#5EF00A }
```

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

```
.border{ border-color:#5EF00A }
```

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

Here you see how a box with a 4 pixel #5EF00A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5EF00A; -webkit-box-shadow:4px 4px  
4px 4px #5EF00A; box-shadow:4px 4px 4px  
4px #5EF00A }
```

Background

The CSS property to change the background color of an element to Hex 5EF00A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5EF00A }
```

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

```
.background{ background-color:#5EF00A }
```

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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