

Converting Colors

Hex(5EF470)

Have a look what the booklet for
Hex(5EF470) contains.

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Color

Hex(5EF470)

Conversions

Conversions Part 1

Format	Color
Hex	5EF470
RGB	94, 244, 112
RGB Percent	37%, 96%, 44%
CMY	0.6314, 0.0431, 0.5608
CMYK	0.61, 0.00, 0.54, 0.04
HSL	127°, 87%, 66%
HSV	127°, 61%, 96%
XYZ	39.8914, 68.2509, 26.4005
YIQ	184.1020, -47.0280, -72.8520

Conversions

Conversions Part 2

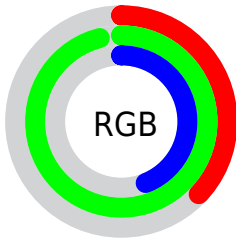
Format	Color
R _Y B	94, 228, 244
Decimal	6222960
CIE Lab	86.13, -65.87, 51.38
CIE LCh	86, 83.535, 142.047
Yxy	68.2509, 0.2965, 0.5073
Android (android.graphics.Color)	4284413040 (0xFF5EF470)
YUV	184.1020, -35.5463, -79.0195
Hunter-Lab	82.6141, -58.3834, 38.8829

Details

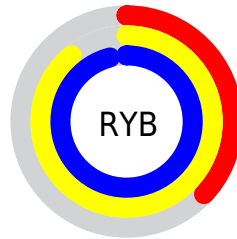
The Hex color **5EF470** is a light color, and the websafe version is hex **66FF66**. The color can be described as light muted spring green. A complement of this color would be **F45EE2**, and the grayscale version is **B8B8B8**.

A 20% lighter version of the original color is **9DFFA6**, and **00BA3B** is the 20% darker color. If you saturate the color by 10%, you get **46F45B**, and if you desaturate by 10%, it is **76F485**.

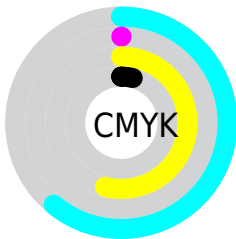
Distribution



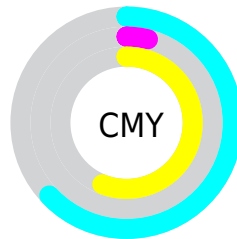
- Red (37%)
- Green (96%)
- Blue (44%)



- Red (37%)
- Yellow (89%)
- Blue (96%)



- Cyan (61%)
- Magenta (0%)
- Yellow (54%)
- Black (4%)



- Cyan (63%)
- Magenta (4%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5EF470 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 5EF470 by changing the saturation by 10% instead.

 5EF470

 5EF470


FFFFFF

 39D755

 9DFFA6

 00BA3B

 BCFFC3

 009F1E

 DBFFDF

 008300

 FAFFFC

 006900

 004F00

 003800

 001E00

 000000

 5EF470

 5EF470

 46F45B

 76F485

 2DF445

 8FF49B

 15F430

 A7F4B0

 00F41D

 C0F4C6

 D8F4DB

 F0F4F1

 FFF4FF

Harmonies

Analogous

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



C7E52F



5EF470



00FBBF

Triad

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



5EF470



00E7FF



FF8FA1

Complementary

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



5EF470



F45EE2

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.



FF8CF0



5EF470



AFCBFF

Square

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



5EF470



00F7FF



FFA8FF



FFAC5B

Rectangle

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



5EF470



00DF6



FFA8FF



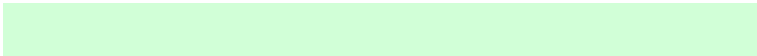
FF8ABB

Sweetspot

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



5EF470



D1FFD7



E3F45E



638067



000000



808080

Same Dimension

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



5EF470



42FF59



5EF4BB



6E7A70



00BA16



003B07

Inverse Universe

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



F45EE2



FF42E8



F45E97



7A6E79



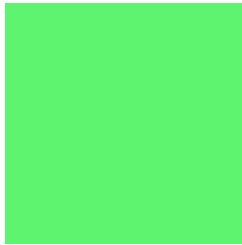
BA00A4



3B0034

Previews

White Background



This preview shows how the Hex color 5EF470 looks on a white background.

Color Contrast Check

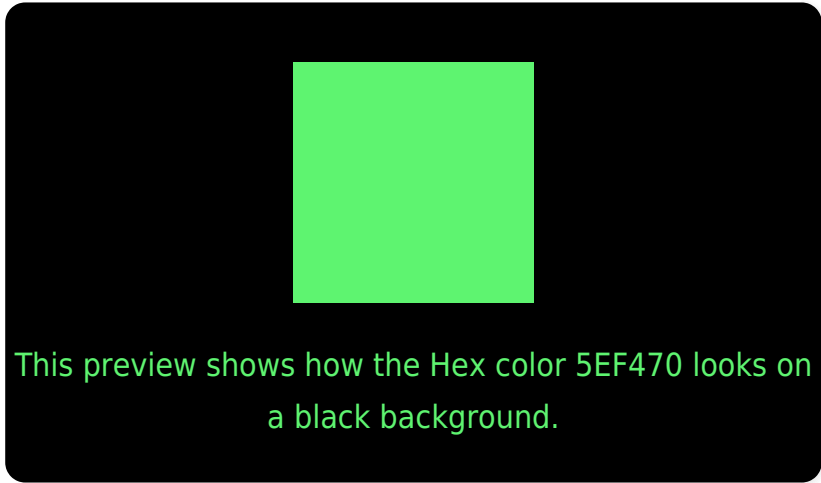
Large Text (above 18pt) WCAG AA × Fail

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 5EF470 Background



This preview shows how black text looks on a background with the Hex color 5EF470.

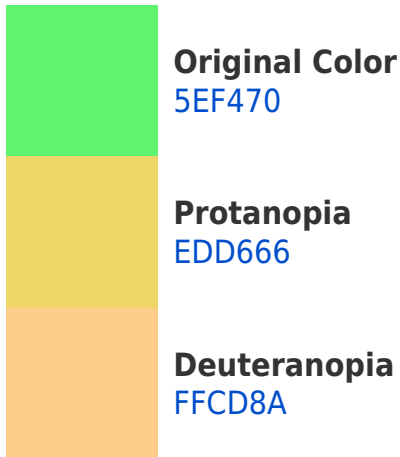


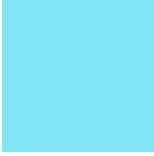
This preview shows how white text looks on a background with the Hex color 5EF470.

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](#).

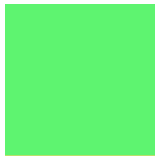
Dichromacy





Tritanopia
82E6F8

Trichromacy



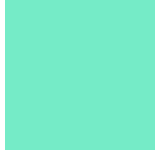
Original Color
5EF470



Protanomaly
B9E16A



Deuteranomaly
C4DB81

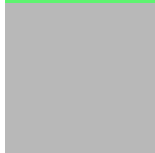


Tritanomaly
75EBC7

Monochromacy



Original Color
5EF470



Achromatopsia
B8B8B8



Achromatomaly
97CE9E

CSS Examples

Text

The CSS property to change the color of the text to Hex 5EF470 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 #5EF470 looks like.

```
.text, #text, p{  
    color:#5EF470  
}
```

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 #5EF470 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5EF470
}
```

Border

The CSS property to change the border of an element to Hex 5EF470 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
#5EF470 }
```

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

```
.border{ border-color:#5EF470 }
```

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

Here you see how a box with a 4 pixel #5EF470 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5EF470; -webkit-box-shadow:4px 4px  
4px 4px #5EF470; box-shadow:4px 4px 4px  
4px #5EF470 }
```

Background

The CSS property to change the background color of an element to Hex 5EF470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5EF470 }
```

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

```
.background{ background-color:#5EF470 }
```

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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