

Converting Colors

Hex(5EF861)

Have a look what the booklet for
Hex(5EF861) contains.

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Color

Hex(5EF861)

Conversions

Conversions Part 1

Format	Color
Hex	5EF861
RGB	94, 248, 97
RGB Percent	37%, 97%, 38%
CMY	0.6314, 0.0275, 0.6196
CMYK	0.62, 0.00, 0.61, 0.03
HSL	121°, 92%, 67%
HSV	121°, 62%, 97%
XYZ	40.3412, 70.3776, 22.7673
YIQ	184.7400, -43.3130, -79.6090

Conversions

Conversions Part 2

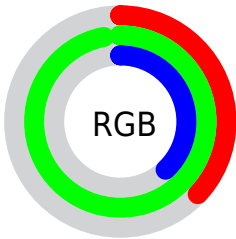
Format	Color
R _Y B	94, 245, 248
Decimal	6223969
CIE Lab	87.18, -68.99, 59.19
CIE LCh	87, 90.904, 139.372
Yxy	70.3776, 0.3022, 0.5272
Android (android.graphics.Color)	4284414049 (0xFF5EF861)
YUV	184.7400, -43.2558, -79.5790
Hunter-Lab	83.8913, -60.9738, 42.6332

Details

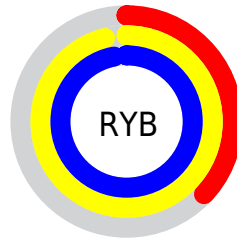
The Hex color **5EF861** is a dark color, and the websafe version is hex **66FF66**. The color can be described as middle muted spring green. A complement of this color would be **F85EF5**, and the grayscale version is **B9B9B9**.

A 20% lighter version of the original color is **9FFF98**, and **00BE28** is the 20% darker color. If you saturate the color by 10%, you get **45F849**, and if you desaturate by 10%, it is **77F879**.

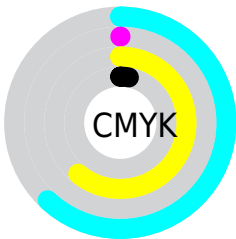
Distribution



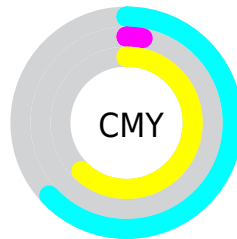
- Red (37%)
- Green (97%)
- Blue (38%)



- Red (37%)
- Yellow (96%)
- Blue (97%)



- Cyan (62%)
- Magenta (0%)
- Yellow (61%)
- Black (3%)



- Cyan (63%)
- Magenta (3%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5EF861 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 5EF861 by changing the saturation by 10% instead.

 5EF861

 5EF861

FFFFFF

 38DB45

 9FFF98

 00BE28

 BEFFB4

 00A200

 DDFFD1

 008700

 FCFEE

 006C00

 005200

 003A00

 002100

 000000

 5EF861

 5EF861

 45F849

 77F879

 2CF830

 90F892

 14F818

 A8F8AA

 00F805

 C1F8C2

 DAF8DB

 F3F8F3

 FFF8FF

Harmonies

Analogous

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



CFE700



5EF861



00FFB8

Triad

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



5EF861



00EDFF



FF86A6

Complementary

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



5EF861



F85EF5

Split Complementary

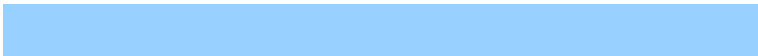
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FF86FD



5EF861



98D1FF

Square

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



5EF861



00DFFF



FFA9FF



FFA758

Rectangle

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



5EF861



00FFF4



FFA9FF



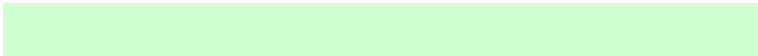
FF81C3

Sweetspot

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



5EF861



CFFFCF



F5F85E



628063



000000



808080

Same Dimension

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



5EF861



40FF43



5EF8AE



707D71



00BD04



003D01

Inverse Universe

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



F85EF5



FF40FB



F85EA8



7D707D



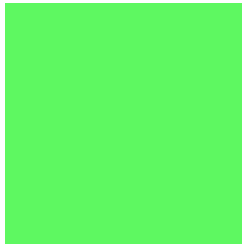
BD00B9



3D003C

Previews

White Background



This preview shows how the Hex color 5EF861 looks on a white background.

Color Contrast Check

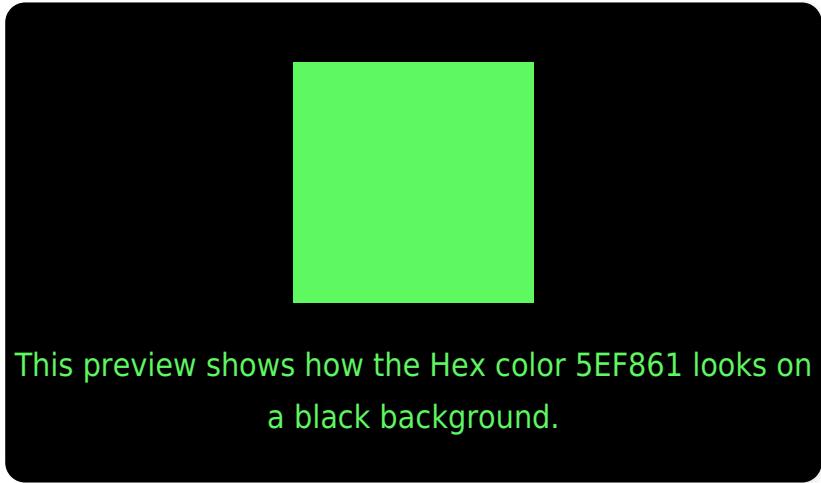
Large Text (above 18pt) WCAG AA × Fail

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 5EF861 Background



This preview shows how black text looks on a background with the Hex color 5EF861.

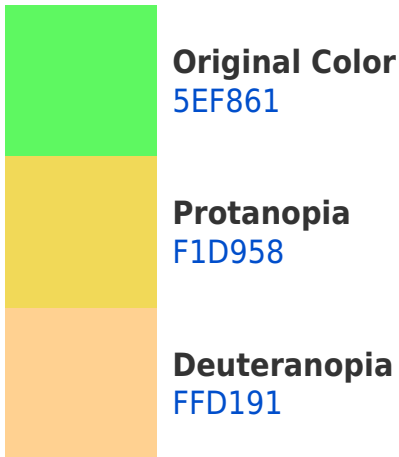


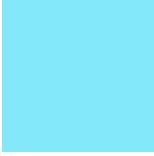
This preview shows how white text looks on a background with the Hex color 5EF861.

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



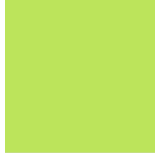


Tritanopia
84E8FB

Trichromacy



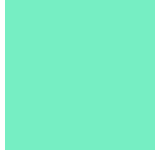
Original Color
5EF861



Protanomaly
BCE45B



Deuteranomaly
C4DF80

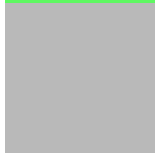


Tritanomaly
76EEC3

Monochromacy



Original Color
5EF861



Achromatopsia
B9B9B9



Achromatomaly
98D099

CSS Examples

Text

The CSS property to change the color of the text to Hex 5EF861 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 #5EF861 looks like.

```
.text, #text, p{  
    color:#5EF861  
}
```

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 #5EF861 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5EF861
}
```

Border

The CSS property to change the border of an element to Hex 5EF861 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
#5EF861 }
```

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

```
.border{ border-color:#5EF861 }
```

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

Here you see how a box with a 4 pixel #5EF861 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5EF861; -webkit-box-shadow:4px 4px  
4px 4px #5EF861; box-shadow:4px 4px 4px  
4px #5EF861 }
```

Background

The CSS property to change the background color of an element to Hex 5EF861 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5EF861 }
```

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

```
.background{ background-color:#5EF861 }
```

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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