

Converting Colors

Hex(5EF0FF)

Have a look what the booklet for
Hex(5EF0FF) contains.

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Color

Hex(5EF0FF)

Conversions

Conversions Part 1

Format	Color
Hex	5EF0FF
RGB	94, 240, 255
RGB Percent	37%, 94%, 100%
CMY	0.6314, 0.0588, 0.0000
CMYK	0.63, 0.06, 0.00, 0.00
HSL	186°, 100%, 68%
HSV	186°, 63%, 100%
XYZ	53.8262, 71.9199, 105.6527
YIQ	198.0560, -91.8310, -26.2870

Conversions

Conversions Part 2

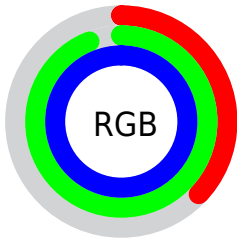
Format	Color
RYB	94, 171, 255
Decimal	6222079
CIELab	87.93, -34.30, -18.81
CIElCh	88, 39.123, 208.741
Yxy	71.9199, 0.2326, 0.3108
Android (android.graphics.Color)	4284412159 (0xFF5EF0FF)
YUV	198.0560, 28.0734, -91.2571
Hunter-Lab	84.8056, -35.1156, -14.5009

Details

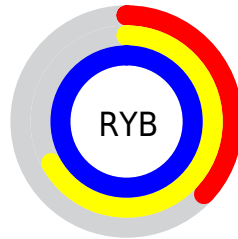
The Hex color **5EF0FF** is a light color, and the websafe version is hex **66FFFF**. The color can be described as light muted cyan. A complement of this color would be **FF6D5E**, and the grayscale version is **C6C6C6**.

A 20% lighter version of the original color is **A0FFFF**, and **00B8C6** is the 20% darker color. If you saturate the color by 10%, you get **45EEFF**, and if you desaturate by 10%, it is **78F2FF**.

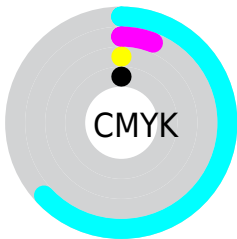
Distribution



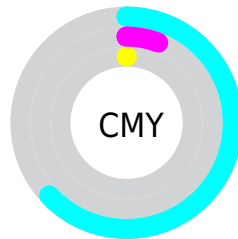
- Red (37%)
- Green (94%)
- Blue (100%)



- Red (37%)
- Yellow (67%)
- Blue (100%)



- Cyan (63%)
- Magenta (6%)
- Yellow (0%)
- Black (0%)



- Cyan (63%)
- Magenta (6%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5EF0FF 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 5EF0FF by changing the saturation by 10% instead.

 5EF0FF

 5EF0FF

FFFFFF

 36D3E2

 A0FFFF

 00B8C6

 BFFFFFF

 009CAB

 DEFFFF

 008290

FEFFFF

 006877

 004F5E

 003846

 002430

 00011C

 5EF0FF

 5EF0FF

 45EEFF

 78F2FF

 2BEBFF

 91F5FF

 12E9FF

 ABF7FF

 00E7FF

 C4FAFF

 DEFCFF

 F7FEFF

FFFFFF

Harmonies

Analogous

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



7AF1DA



5EF0FF



72EBFF

Triad

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



5EF0FF



FFC7FF



F8DA92

Complementary

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



5EF0FF



FF6D5E

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.



FFCD9E



5EF0FF



FFC1E0

Square

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



5EF0FF



DFD3FF



FFC3BB



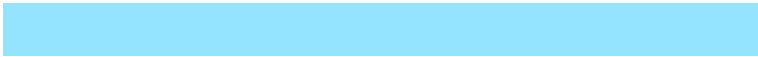
D1E59A

Rectangle

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



5EF0FF



95E4FF



FFC3BB



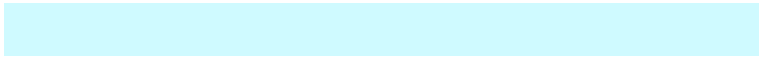
FFD594

Sweetspot

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



5EF0FF



CFFAFF



5EFF6B



627D80



000000



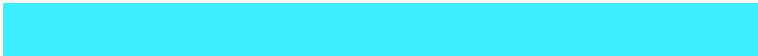
808080

Same Dimension

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



5EFOFF



3DEDFF



5EA1FF



737E80



00ADBFF



003A40

Inverse Universe

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



FF5EF0



FF3DED



FFBC5E



80737E



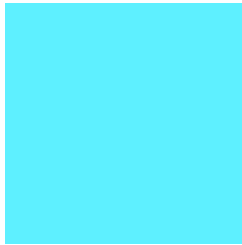
BF00AD



40003A

Previews

White Background



This preview shows how the Hex color 5EF0FF looks on a white background.

Color Contrast Check

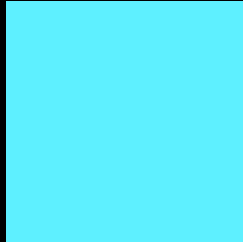
Large Text (above 18pt) WCAG AA × Fail

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 5EF0FF 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 5EF0FF Background



This preview shows how black text looks on a background with the Hex color 5EF0FF.

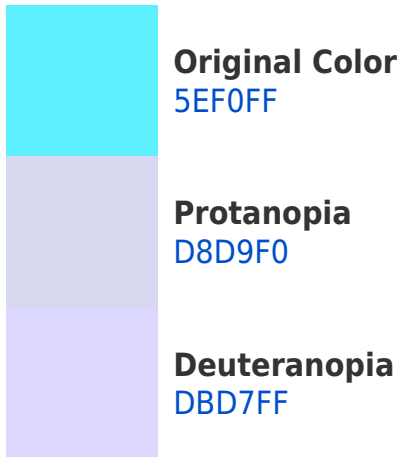


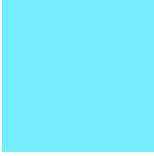
This preview shows how white text looks on a background with the Hex color 5EF0FF.

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



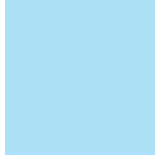


Tritanopia
74EDFF

Trichromacy



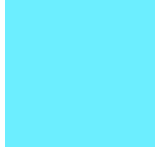
Original Color
5EF0FF



Protanomaly
ACE1F5



Deuteranomaly
AEE0FF

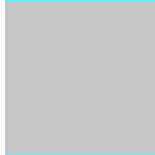


Tritanomaly
6CEEFF

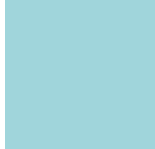
Monochromacy



Original Color
5EF0FF



Achromatopsia
C6C6C6



Achromatomaly
A0D5DB

CSS Examples

Text

The CSS property to change the color of the text to Hex 5EF0FF 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 #5EF0FF looks like.

```
.text, #text, p{  
    color:#5EF0FF  
}
```

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 #5EF0FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5EF0FF
}
```

Border

The CSS property to change the border of an element to Hex 5EF0FF 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
#5EF0FF }
```

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

```
.border{ border-color:#5EF0FF }
```

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

Here you see how a box with a 4 pixel #5EF0FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5EF0FF; -webkit-box-shadow:4px 4px  
4px 4px #5EF0FF; box-shadow:4px 4px 4px  
4px #5EF0FF }
```

Background

The CSS property to change the background color of an element to Hex 5EF0FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5EF0FF }
```

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

```
.background{ background-color:#5EF0FF }
```

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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