

# Converting Colors

Hex(5EF3FF)

Have a look what the booklet for  
Hex(5EF3FF) contains.

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**Color**

**Hex(5EF3FF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5EF3FF
RGB	94, 243, 255
RGB Percent	37%, 95%, 100%
CMY	0.6314, 0.0471, 0.0000
CMYK	0.63, 0.05, 0.00, 0.00
HSL	184°, 100%, 68%
HSV	184°, 63%, 100%
XYZ	54.7167, 73.7009, 105.9496
YIQ	199.8170, -92.6560, -27.8560

# Conversions

## Conversions Part 2

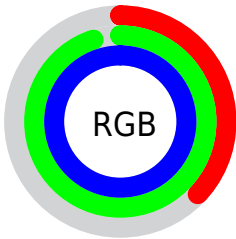
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	94, 171, 255
Decimal	6222847
CIE <sub>Lab</sub>	88.78, -35.70, -17.53
CIE <sub>LCh</sub>	89, 39.774, 206.152
Yxy	73.7009, 0.2335, 0.3145
Android (android.graphics.Color)	4284412927 (0xFF5EF3FF)
YUV	199.8170, 27.2052, -92.8015
Hunter-Lab	85.8492, -36.4677, -13.0774

# Details

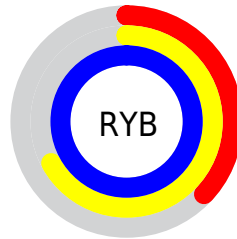
The Hex color **5EF3FF** is a light color, and the websafe version is hex **66FFFF**. The color can be described as light muted cyan. A complement of this color would be **FF6A5E**, and the grayscale version is **C8C8C8**.

A 20% lighter version of the original color is **A0FFFF**, and **00BAC6** is the 20% darker color. If you saturate the color by 10%, you get **45F1FF**, and if you desaturate by 10%, it is **78F5FF**.

# Distribution



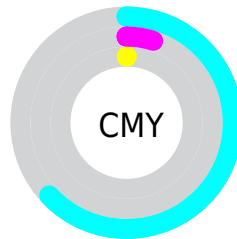
- Red (37%)
- Green (95%)
- Blue (100%)



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



- Cyan (63%)
- Magenta (5%)
- Yellow (0%)
- Black (0%)



- Cyan (63%)
- Magenta (5%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5EF3FF 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 5EF3FF by changing the saturation by 10% instead.



 5EF3FF

 5EF3FF

FFFFFF

 36D6E2

 A0FFFF

 00BAC6

 BFFFFFF

 009FAB

 DFFFFFF

 008490

FEFFFF

 006B77

 00525E

 003A46

 002630

 00011C


 5EF3FF

 5EF3FF

 45F1FF

 78F5FF

 2BEFFF

 91F7FF

 12EDFF

 ABF9FF

 00ECFF

 C4FBFF

 DEFDFE

 F7FEFF

FFFFFF

# Harmonies

## Analogous

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



7EF3D9



5EF3FF



6EEEEFF

# Triad

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



5EF3FF



FFCAFF



FEDB93

# Complementary

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



5EF3FF



FF6A5E

# 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.



FFCEA1



5EF3FF



FFC3E5

# Square

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



5EF3FF



DDD7FF



FFC4BF



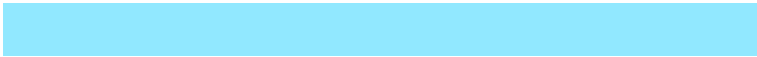
D7E79A

# Rectangle

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



5EF3FF



91E8FF



FFC4BF



FFD796



# Sweetspot

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



5EF3FF



CFFBFF



5EFF69



627D80



000000



808080



# Same Dimension

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



5EF3FF



3DF1FF



5EA4FF



737F80



00B1BF



003B40



# Inverse Universe

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



FF5EF3



FF3DF1



FFB95E



80737F



BF00B1

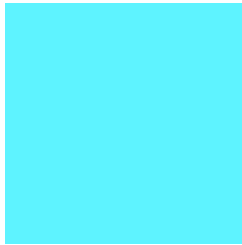


40003B



# Previews

## White Background



This preview shows how the Hex color 5EF3FF looks on a white background.

## Color Contrast Check

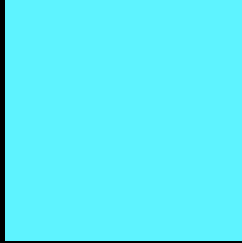
Large Text (above 18pt) WCAG AA × Fail

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 5EF3FF looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

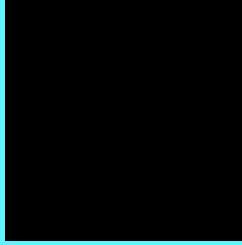
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 5EF3FF Background



This preview shows how black text looks on a background with the Hex color 5EF3FF.

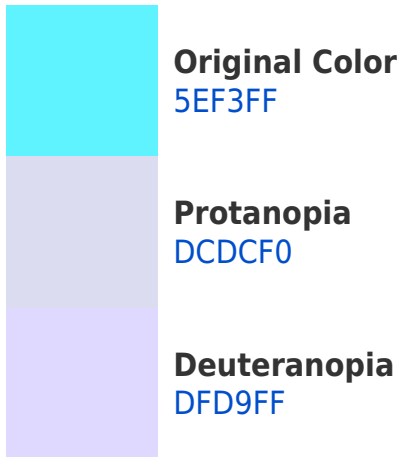


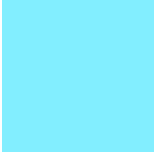
This preview shows how white text looks on a background with the Hex color 5EF3FF.

# 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



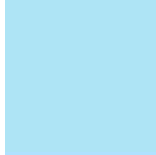


**Tritanopia**  
82EEFF

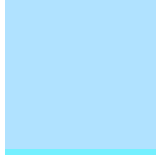
# Trichromacy



**Original Color**  
5EF3FF



**Protanomaly**  
AEE4F5



**Deuteranomaly**  
B0E2FF

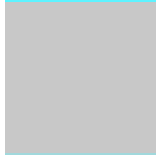


**Tritanomaly**  
75F0FF

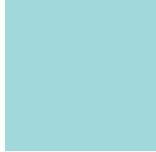
# Monochromacy



**Original Color**  
5EF3FF



**Achromatopsia**  
C8C8C8



**Achromatomaly**  
A1D8DC

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5EF3FF 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 #5EF3FF looks like.

```
.text, #text, p{  
    color:#5EF3FF  
}
```

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 #5EF3FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5EF3FF
}
```

## Border

The CSS property to change the border of an element to Hex 5EF3FF 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
#5EF3FF }
```

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

```
.border{ border-color:#5EF3FF }
```

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

Here you see how a box with a 4 pixel #5EF3FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5EF3FF; -webkit-box-shadow:4px 4px  
4px 4px #5EF3FF; box-shadow:4px 4px 4px  
4px #5EF3FF }
```

# Background

The CSS property to change the background color of an element to Hex 5EF3FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5EF3FF }
```

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

```
.background{ background-color:#5EF3FF }
```

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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