

# Converting Colors

Hex(5CF7FF)

Have a look what the booklet for  
Hex(5CF7FF) contains.

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# **Color**

**Hex(5CF7FF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5CF7FF
RGB	92, 247, 255
RGB Percent	36%, 97%, 100%
CMY	0.6392, 0.0314, 0.0000
CMYK	0.64, 0.03, 0.00, 0.00
HSL	183°, 100%, 68%
HSV	183°, 64%, 100%
XYZ	55.7244, 76.0168, 106.3435
YIQ	201.5670, -94.9480, -30.3720

# Conversions

## Conversions Part 2

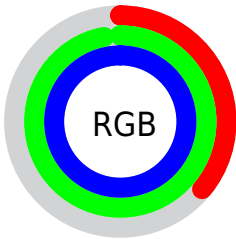
<b>Format</b>	<b>Color</b>
<b>RYB</b>	92, 171, 255
Decimal	6092799
CIELab	89.87, -37.85, -15.90
CIElCh	90, 41.052, 202.793
Yxy	76.0168, 0.2341, 0.3193
Android (android.graphics.Color)	4284282879 (0xFF5CF7FF)
YUV	201.5670, 26.3425, -96.0903
Hunter-Lab	87.1876, -38.4933, -11.2852

# Details

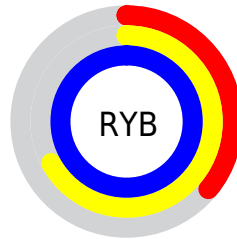
The Hex color **5CF7FF** is a light color, and the websafe version is hex **66FFFF**. The color can be described as light muted cyan. A complement of this color would be **FF645C**, and the grayscale version is **C9C9C9**.

A 20% lighter version of the original color is **9FFFFFF**, and **00BEC6** is the 20% darker color. If you saturate the color by 10%, you get **43F6FF**, and if you desaturate by 10%, it is **76F8FF**.

# Distribution



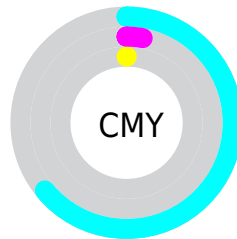
- Red (36%)
- Green (97%)
- Blue (100%)



- Red (36%)
- Yellow (67%)
- Blue (100%)



- Cyan (64%)
- Magenta (3%)
- Yellow (0%)
- Black (0%)



- Cyan (64%)
- Magenta (3%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5CF7FF 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 5CF7FF by changing the saturation by 10% instead.



 5CF7FF

 5CF7FF

FFFFFF

 32DAE2

 9FFFFFF

 00BEC6

 BFFFFFF

 00A3AB

 DEFFFF

 008891

FDFFFF

 006E77

 00555E

 003D47

 002830

 00021C

 5CF7FF

 5CF7FF

 43F6FF

 76F8FF

 29F4FF

 8FFAFF

 10F3FF

 A9FBFF

 00F2FF

 C2FCFF

 DCFDFF

 F5FFFF

 FFFFFFFF

# Harmonies

## Analogous

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



82F7D7



5CF7FF



67F2FF

# Triad

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



5CF7FF



FFCEFF



FFDC94

# Complementary

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



5CF7FF



FF645C

# 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.



FFCFA5



5CF7FF



FFC5ED

# Square

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



5CF7FF



DADBFF



FFC6C6



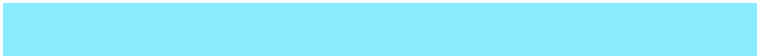
DEE999

# Rectangle

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



5CF7FF



89ECFF



FFC6C6



FFD898



# Sweetspot

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



5CF7FF



CFFDFF



5CFF61



627E80



000000



808080



# Same Dimension

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



5CF7FF



3BF5FF



5CA8FF



737F80



00B6BF



003D40



# Inverse Universe

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



FF5CF7



FF3BF5



FFB35C



80737F



BF00B6

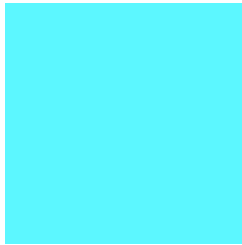


40003D



# Previews

## White Background



This preview shows how the Hex color 5CF7FF looks on a white background.

## Color Contrast Check

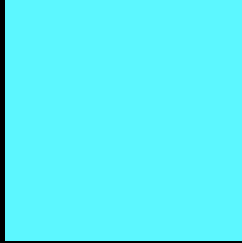
Large Text (above 18pt) WCAG AA × Fail

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 5CF7FF 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 5CF7FF Background



This preview shows how black text looks on a background with the Hex color 5CF7FF.

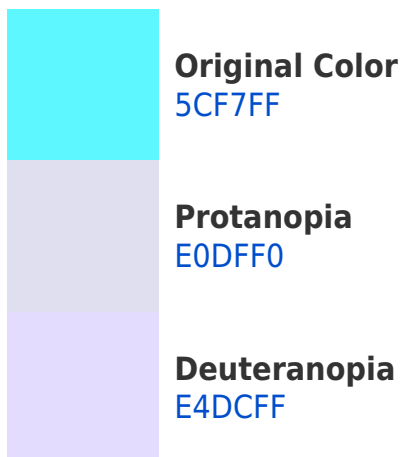


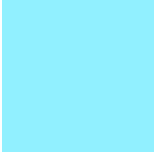
This preview shows how white text looks on a background with the Hex color 5CF7FF.

# 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



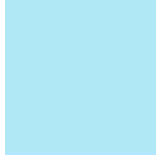


**Tritanopia**  
91F0FF

# Trichromacy



**Original Color**  
5CF7FF



**Protanomaly**  
B0E8F5



**Deuteranomaly**  
B3E6FF

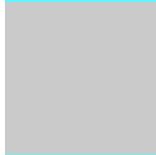


**Tritanomaly**  
7EF3FF

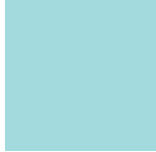
# Monochromacy



**Original Color**  
5CF7FF



**Achromatopsia**  
CACACA



**Achromatomaly**  
A2DADD

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5CF7FF 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 #5CF7FF looks like.

```
.text, #text, p{  
    color:#5CF7FF  
}
```

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 #5CF7FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5CF7FF
}
```

## Border

The CSS property to change the border of an element to Hex 5CF7FF 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
#5CF7FF }
```

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

```
.border{ border-color:#5CF7FF }
```

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

Here you see how a box with a 4 pixel #5CF7FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5CF7FF; -webkit-box-shadow:4px 4px  
4px 4px #5CF7FF; box-shadow:4px 4px 4px  
4px #5CF7FF }
```

# Background

The CSS property to change the background color of an element to Hex 5CF7FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5CF7FF }
```

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

```
.background{ background-color:#5CF7FF }
```

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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