

# Converting Colors

Hex(05F2FC)

Have a look what the booklet for  
Hex(05F2FC) contains.

<b>Hex(05F2FC)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Hex(05F2FC)**

# Conversions

## Conversions Part 1

Format	Color
Hex	05F2FC
RGB	5, 242, 252
RGB Percent	2%, 95%, 99%
CMY	0.9804, 0.0510, 0.0118
CMYK	0.98, 0.04, 0.00, 0.01
HSL	182°, 98%, 50%
HSV	182°, 98%, 99%
XYZ	49.3854, 70.5648, 103.1129
YIQ	172.2770, -144.4620, -47.1340

# Conversions

## Conversions Part 2

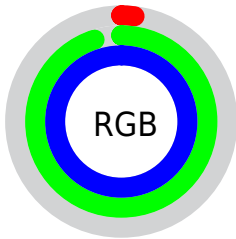
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	5, 126, 252
Decimal	389884
CIE Lab	87.27, -43.18, -18.35
CIE LCh	87, 46.912, 203.021
Yxy	70.5648, 0.2214, 0.3163
Android (android.graphics.Color)	4278579964 (0xFF05F2FC)
YUV	172.2770, 39.3034, -146.7019
Hunter-Lab	84.0029, -42.0646, -13.9761

# Details

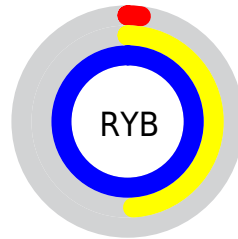
The Hex color **05F2FC** is a light color, and the websafe version is hex **33FFFF**. The color can be described as light saturated cyan. A complement of this color would be **FC0F05**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **78FFFF**, and **00B9C3** is the 20% darker color. If you saturate the color by 10%, you get **00F2FC**, and if you desaturate by 10%, it is **1EF3FC**.

# Distribution



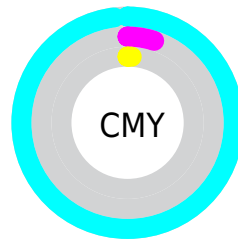
- Red (2%)
- Green (95%)
- Blue (99%)



- Red (2%)
- Yellow (49%)
- Blue (99%)



- Cyan (98%)
- Magenta (4%)
- Yellow (0%)
- Black (1%)



- Cyan (98%)
- Magenta (5%)
- Yellow (1%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 05F2FC 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 05F2FC by changing the saturation by 10% instead.



 05F2FC

 05F2FC

FFFFFF

 00D5DF

 78FFFF

 00B9C3

 9BFFFF

 009EA8

 BCFFFF

 00838E

 DDFFFF

 006974

FEFFFF

 00505C

 003844

 00222E

 00011A

 05F2FC

 05F2FC

 00F2FC

 1EF3FC

 37F4FC

 51F5FC

 6AF6FC

 83F7FC

 9CF8FC

 B5F9FC

 CFFAFC

 E8FBFC

# Harmonies

## Analogous

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



64F2CE



05F2FC



28EDFF

# Triad

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



05F2FC



FFC3FF



FFD482

# Complementary

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



05F2FC



FC0F05

# 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.



FFC595



05F2FC



FFB9E7

# Square

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



05F2FC



D0D3FF



FFBABA



D5E387

# Rectangle

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



05F2FC



69E6FF



FFBABA



FFCF86



# Sweetspot

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



05F2FC



B5FCFF



05FC0D



537E80



000000



808080



# Same Dimension

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



05F2FC



00F5FF



0578FC



707C7D



00B5BD



003B3D



# Inverse Universe

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



FC05F2



FF00F5



FC8905



7D707C



BD00B5

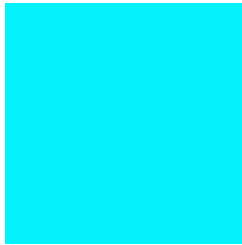


3D003B



# Previews

## White Background



This preview shows how the Hex color 05F2FC looks on a white background.

## Color Contrast Check

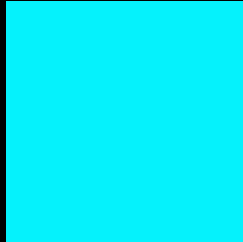
Large Text (above 18pt) WCAG AA × Fail

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 05F2FC looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

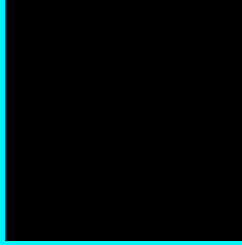
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 05F2FC Background



This preview shows how black text looks on a background with the Hex color 05F2FC.

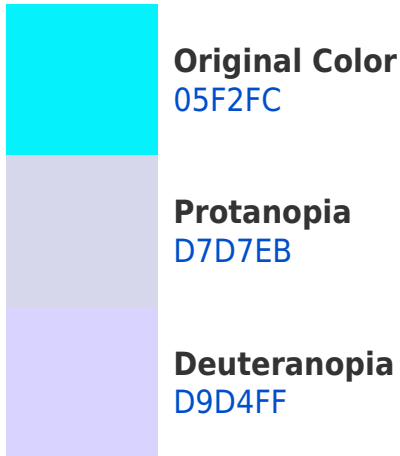


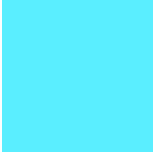
This preview shows how white text looks on a background with the Hex color 05F2FC.

# 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



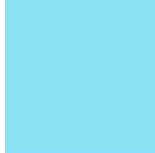


**Tritanopia**  
5AEEFF

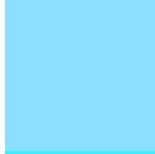
# Trichromacy



**Original Color**  
05F2FC



**Protanomaly**  
8BE1F1



**Deuteranomaly**  
8CDFFE

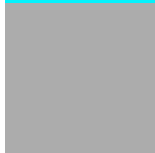


**Tritanomaly**  
3BEFFE

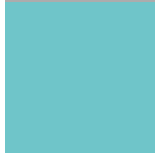
# Monochromacy



**Original Color**  
05F2FC



**Achromatopsia**  
ACACAC



**Achromatomaly**  
6FC5C9

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 05F2FC 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 #05F2FC looks like.

```
.text, #text, p{  
    color:#05F2FC  
}
```

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 #05F2FC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #05F2FC
}
```

## Border

The CSS property to change the border of an element to Hex 05F2FC 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
#05F2FC }
```

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

```
.border{ border-color:#05F2FC }
```

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

Here you see how a box with a 4 pixel #05F2FC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #05F2FC; -webkit-box-shadow:4px 4px  
4px 4px #05F2FC; box-shadow:4px 4px 4px  
4px #05F2FC }
```

# Background

The CSS property to change the background color of an element to Hex 05F2FC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#05F2FC }
```

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

```
.background{ background-color:#05F2FC }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor