

# Converting Colors

Hex(53F1FB)

Have a look what the booklet for  
Hex(53F1FB) contains.

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# Color

Hex(53F1FB)

# Conversions

## Conversions Part 1

Format	Color
Hex	53F1FB
RGB	83, 241, 251
RGB Percent	33%, 95%, 98%
CMY	0.6745, 0.0549, 0.0157
CMYK	0.67, 0.04, 0.00, 0.02
HSL	184°, 95%, 65%
HSV	184°, 67%, 98%
XYZ	52.4352, 71.7146, 102.3455
YIQ	194.8980, -97.3780, -30.3860

# Conversions

## Conversions Part 2

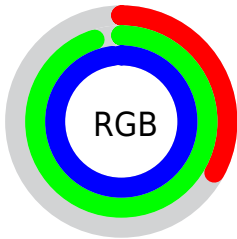
<b>Format</b>	<b>Color</b>
<b>RYB</b>	83, 164, 251
Decimal	5501435
CIELab	87.83, -37.47, -16.90
CIELCh	88, 41.104, 204.270
Yxy	71.7146, 0.2315, 0.3166
Android (android.graphics.Color)	4283691515 (0xFF53F1FB)
YUV	194.8980, 27.6583, -98.1345
Hunter-Lab	84.6845, -37.6738, -12.3758

# Details

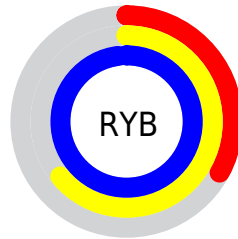
The Hex color **53F1FB** is a light color, and the websafe version is hex **66FFFF**. The color can be described as light muted cyan. A complement of this color would be **FB5D53**, and the grayscale version is **C3C3C3**.

A 20% lighter version of the original color is **98FFFF**, and **00B8C3** is the 20% darker color. If you saturate the color by 10%, you get **3AF0FB**, and if you desaturate by 10%, it is **6CF2FB**.

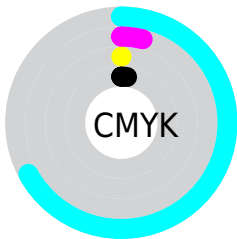
# Distribution



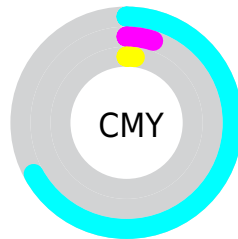
- Red (33%)
- Green (95%)
- Blue (98%)



- Red (33%)
- Yellow (64%)
- Blue (98%)



- Cyan (67%)
- Magenta (4%)
- Yellow (0%)
- Black (2%)



- Cyan (67%)
- Magenta (5%)
- Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 53F1FB 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 53F1FB by changing the saturation by 10% instead.



 53F1FB

 53F1FB

FFFFFF

 23D4DE

 98FFFF

 00B8C3

 B7FFFF

 009DA7

 D7FFFF

 00838D

 F6FFFF

 006973

 00505B

 003843

 00242D

 000119

 53F1FB

 53F1FB

 3AF0FB

 6CF2FB

 21EEFB

 85F4FB

 08EDFB

 9EF5FB

 00ECFB

 B7F7FB

 D1F8FB

 EAFAFB

 FFFBFB

 FFFDFB

 FFFEFB

# Harmonies

## Analogous

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



79F1D3



53F1FB



61ECFF

# Triad

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



53F1FB



FFC7FF



FED78E

# Complementary

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



53F1FB



FB5D53

# 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.



FFCA9E



53F1FB



FFBFE5

# Square

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



53F1FB



D7D5FF



FFC0BE



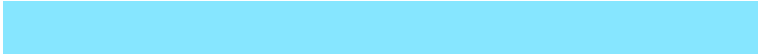
D6E494

# Rectangle

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



53F1FB



86E6FF



FFC0BE



FFD391



# Sweetspot

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



53F1FB



CCFCFF



53FB5B



617E80



000000



808080



# Same Dimension

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



53F1FB



33F3FF



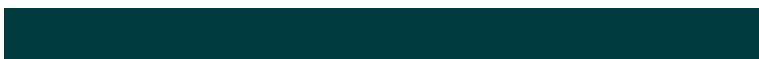
539FFB



707C7D



00B1BD



003A3D



# Inverse Universe

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



FB53F1



FF33F3



FBAF53



7D707C



BD00B1

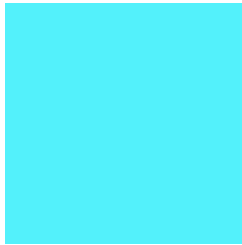


3D003A



# Previews

## White Background



This preview shows how the Hex color 53F1FB looks on a white background.

## Color Contrast Check

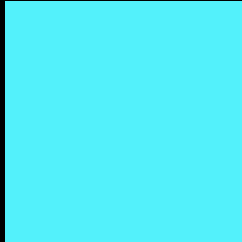
Large Text (above 18pt) WCAG AA × Fail

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 53F1FB looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

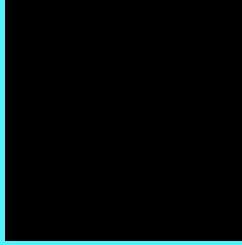
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 53F1FB Background



This preview shows how black text looks on a background with the Hex color 53F1FB.

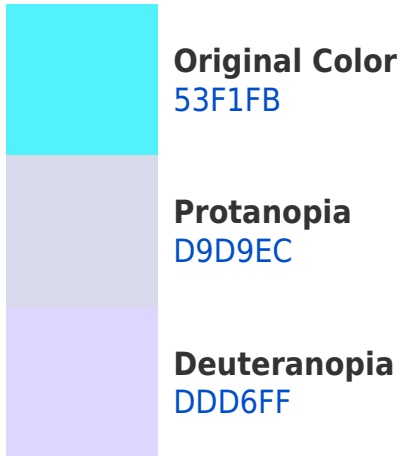


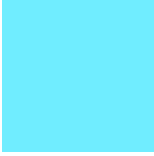
This preview shows how white text looks on a background with the Hex color 53F1FB.

# 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



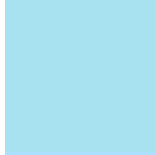


**Tritanopia**  
70EDFF

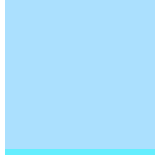
# Trichromacy



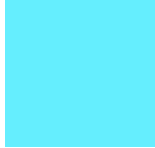
**Original Color**  
53F1FB



**Protanomaly**  
A8E2F1



**Deuteranomaly**  
ABE0FE

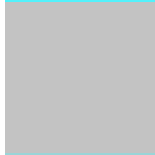


**Tritanomaly**  
65EEFE

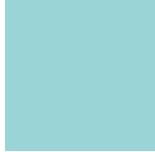
# Monochromacy



**Original Color**  
53F1FB



**Achromatopsia**  
C3C3C3



**Achromatomaly**  
9AD4D7

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 53F1FB 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 #53F1FB looks like.

```
.text, #text, p{  
    color:#53F1FB  
}
```

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 #53F1FB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #53F1FB
}
```

## Border

The CSS property to change the border of an element to Hex 53F1FB 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
#53F1FB }
```

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

```
.border{ border-color:#53F1FB }
```

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

Here you see how a box with a 4 pixel #53F1FB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #53F1FB; -webkit-box-shadow:4px 4px  
4px 4px #53F1FB; box-shadow:4px 4px 4px  
4px #53F1FB }
```

# Background

The CSS property to change the background color of an element to Hex 53F1FB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#53F1FB }
```

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

```
.background{ background-color:#53F1FB }
```

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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