

Converting Colors

Hex(53F0FD)

Have a look what the booklet for
Hex(53F0FD) contains.

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Color

Hex(53F0FD)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 53F0FD |
| RGB | 83, 240, 253 |
| RGB Percent | 33%, 94%, 99% |
| CMY | 0.6745, 0.0588, 0.0078 |
| CMYK | 0.67, 0.05, 0.00, 0.01 |
| HSL | 185°, 98%, 66% |
| HSV | 185°, 67%, 99% |
| XYZ | 52.4570, 71.2510, 103.9166 |
| YIQ | 194.5390, -97.7450, -29.2410 |

Conversions

Conversions Part 2

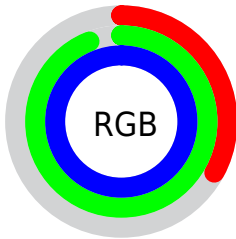
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 83, 165, 253 |
| Decimal | 5501181 |
| CIELab | 87.61, -36.45, -18.28 |
| CIELCh | 88, 40.775, 206.635 |
| Yxy | 71.2510, 0.2305, 0.3130 |
| Android (android.graphics.Color) | 4283691261 (0xFF53F0FD) |
| YUV | 194.5390, 28.8213, -97.8197 |
| Hunter-Lab | 84.4103, -36.7888, -13.9040 |

Details

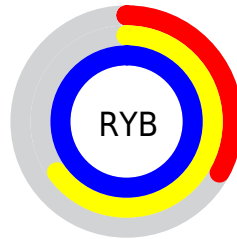
The Hex color **53F0FD** is a light color, and the websafe version is hex **66FFFF**. The color can be described as light muted cyan. A complement of this color would be **FD6053**, and the grayscale version is **C2C2C2**.

A 20% lighter version of the original color is **98FFFF**, and **00B7C4** is the 20% darker color. If you saturate the color by 10%, you get **3AEEFD**, and if you desaturate by 10%, it is **6CF2FD**.

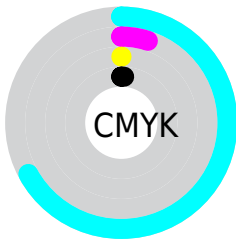
Distribution



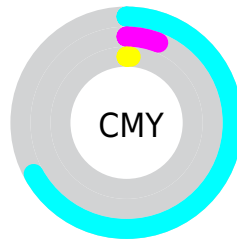
- Red (33%)
- Green (94%)
- Blue (99%)



- Red (33%)
- Yellow (65%)
- Blue (99%)



- Cyan (67%)
- Magenta (5%)
- Yellow (0%)
- Black (1%)



- Cyan (67%)
- Magenta (6%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the Hex color 53F0FD 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 53F0FD by changing the saturation by 10% instead.

 53F0FD

 53F0FD

FFFFFF

 23D3E0

 98FFFF

 00B7C4

 B7FFFF

 009CA9

 D7FFFF

 00828F

 F6FFFF

 006875

 004F5C

 003745

 00232E

 00011A

■ 53F0FD

■ 53F0FD

■ 3AEEFD

■ 6CF2FD

■ 20ECFD

■ 86F4FD

■ 07EAFD

■ 9FF6FD

■ 00EAFD

■ B8F8FD

■ D2FAFD

■ EBFCFD

■ FFFEFD

■ FFFFFD

Harmonies

Analogous

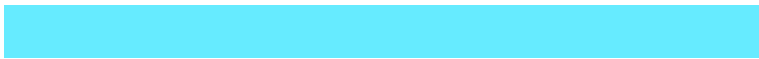
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



76F0D6



53F0FD



66EBFF

Triad

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



53F0FD



FFC6FF



FAD88E

Complementary

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



53F0FD



FD6053

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.



FFCA9C



53F0FD



FFBEE2

Square

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



53F0FD



DBD3FF



FFC0BB



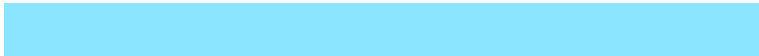
D2E495

Rectangle

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



53F0FD



8BE5FF



FFC0BB



FFD390

Sweetspot

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



53F0FD



CCFBFF



53FD5E



617D80



000000



808080

Same Dimension

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



53F0FD



30EFFF



539DFD



737F80



00B1BF



003B40

Inverse Universe

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



FD53F0



FF30EF



FDB353



80737F



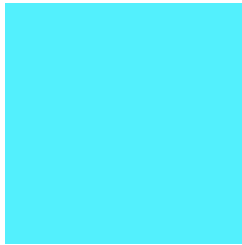
BF00B1



40003B

Previews

White Background



This preview shows how the Hex color 53F0FD looks on a white background.

Color Contrast Check

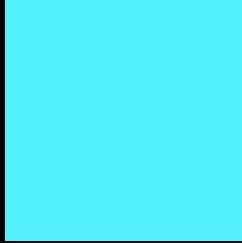
Large Text (above 18pt) WCAG AA × Fail

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 53F0FD 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 53F0FD Background



This preview shows how black text looks on a background with the Hex color 53F0FD.

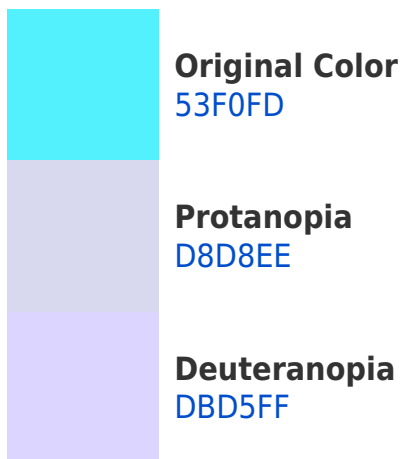


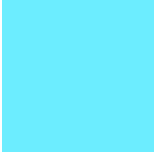
This preview shows how white text looks on a background with the Hex color 53F0FD.

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



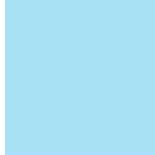


Tritanopia
6CEDFF

Trichromacy



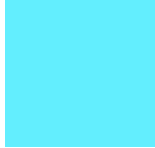
Original Color
53F0FD



Protanomaly
A8E1F3



Deuteranomaly
AADFFE

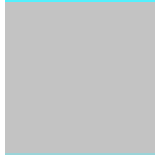


Tritanomaly
63EEFE

Monochromacy



Original Color
53F0FD



Achromatopsia
C3C3C3



Achromatomaly
9AD3D8

CSS Examples

Text

The CSS property to change the color of the text to Hex 53F0FD 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 #53F0FD looks like.

```
.text, #text, p{  
    color:#53F0FD  
}
```

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 #53F0FD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #53F0FD
}
```

Border

The CSS property to change the border of an element to Hex 53F0FD 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
#53F0FD }
```

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

```
.border{ border-color:#53F0FD }
```

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

Here you see how a box with a 4 pixel #53F0FD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #53F0FD; -webkit-box-shadow:4px 4px  
4px 4px #53F0FD; box-shadow:4px 4px 4px  
4px #53F0FD }
```

Background

The CSS property to change the background color of an element to Hex 53F0FD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#53F0FD }
```

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

```
.background{ background-color:#53F0FD }
```

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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