

Converting Colors

Hex(5BF2FE)

Have a look what the booklet for
Hex(5BF2FE) contains.

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Color

Hex(5BF2FE)

Conversions

Conversions Part 1

Format	Color
Hex	5BF2FE
RGB	91, 242, 254
RGB Percent	36%, 95%, 100%
CMY	0.6431, 0.0510, 0.0039
CMYK	0.64, 0.05, 0.00, 0.00
HSL	184°, 99%, 68%
HSV	184°, 64%, 100%
XYZ	53.9559, 72.8842, 104.9902
YIQ	198.2190, -93.8480, -28.2800

Conversions

Conversions Part 2

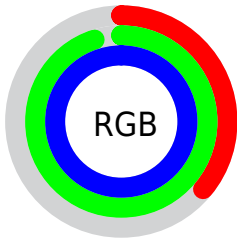
Format	Color
R _{YB}	91, 169, 254
Decimal	6025982
CIE _{Lab}	88.39, -35.96, -17.60
CIE _{LCh}	88, 40.040, 206.077
Y _{xy}	72.8842, 0.2327, 0.3144
Android (android.graphics.Color)	4284216062 (0xFF5BF2FE)
YUV	198.2190, 27.5000, -94.0311
Hunter-Lab	85.3722, -36.5880, -13.1539

Details

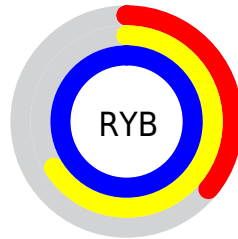
The Hex color **5BF2FE** is a light color, and the websafe version is hex **66FFFF**. The color can be described as light muted cyan. A complement of this color would be **FE675B**, and the grayscale version is **C6C6C6**.

A 20% lighter version of the original color is **9EFFFF**, and **00B9C5** is the 20% darker color. If you saturate the color by 10%, you get **42F0FE**, and if you desaturate by 10%, it is **74F4FE**.

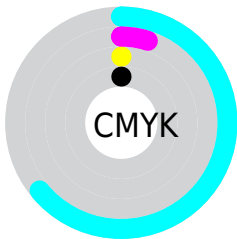
Distribution



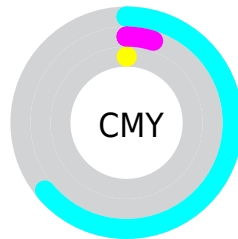
- Red (36%)
- Green (95%)
- Blue (100%)



- Red (36%)
- Yellow (66%)
- Blue (100%)



- Cyan (64%)
- Magenta (5%)
- Yellow (0%)
- Black (0%)



- Cyan (64%)
- Magenta (5%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5BF2FE 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 5BF2FE by changing the saturation by 10% instead.

 5BF2FE

 5BF2FE

FFFFFF

 31D5E1

 9EFFFF

 00B9C5

 BDFFFF

 009EAA

 DCFFFF


 008490

 FCFFFF

 006A76

 00515D

 003946

 00252F

 00011B

 5BF2FE

 5BF2FE

 42F0FE

 74F4FE

 28EEFE

 8EF6FE

 0FECFE

 A7F8FE

 00EBFE

 C1F9FE

 DAFBFE

 F3DFE

FFFFFFE

Harmonies

Analogous

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



7CF2D7



5BF2FE



6CEDFF

Triad

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



5BF2FE



FFC9FF



FDDA92

Complementary

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



5BF2FE



FE675B

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.



FFCDA0



5BF2FE



FFC1E4

Square

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



5BF2FE



DCD6FF



FFC3BE



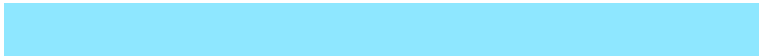
D5E698

Rectangle

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



5BF2FE



8EE7FF



FFC3BE



FFD594

Sweetspot

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



5BF2FE



CFFBFF



5BFE66



627D80



000000



808080

Same Dimension

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



5BF2FE



3BF1FF



5BA2FE



737F80



00B1BF



003B40

Inverse Universe

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



FE5BF2



FF3BF1



FEB75B



80737F



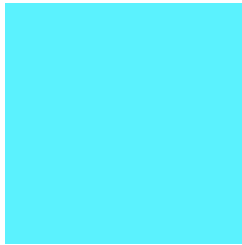
BF00B1



40003B

Previews

White Background



This preview shows how the Hex color 5BF2FE looks on a white background.

Color Contrast Check

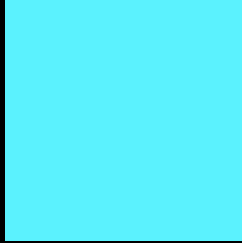
Large Text (above 18pt) WCAG AA × Fail

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 5BF2FE 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 5BF2FE Background



This preview shows how black text looks on a background with the Hex color 5BF2FE.

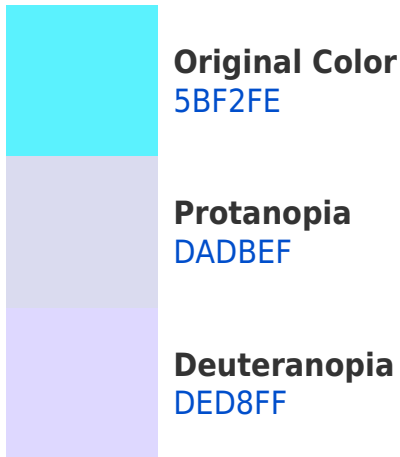


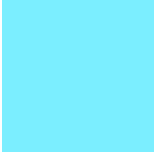
This preview shows how white text looks on a background with the Hex color 5BF2FE.

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
7BEEFF

Trichromacy



Original Color
5BF2FE



Protanomaly
ACE3F4



Deuteranomaly
AEE1FF

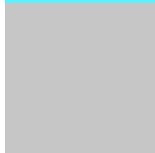


Tritanomaly
6FEFFF

Monochromacy



Original Color
5BF2FE



Achromatopsia
C6C6C6



Achromatomaly
9FD6DA

CSS Examples

Text

The CSS property to change the color of the text to Hex 5BF2FE 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 #5BF2FE looks like.

```
.text, #text, p{  
    color:#5BF2FE  
}
```

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 #5BF2FE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5BF2FE
}
```

Border

The CSS property to change the border of an element to Hex 5BF2FE 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
#5BF2FE }
```

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

```
.border{ border-color:#5BF2FE }
```

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

Here you see how a box with a 4 pixel #5BF2FE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5BF2FE; -webkit-box-shadow:4px 4px  
4px 4px #5BF2FE; box-shadow:4px 4px 4px  
4px #5BF2FE }
```

Background

The CSS property to change the background color of an element to Hex 5BF2FE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5BF2FE }
```

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

```
.background{ background-color:#5BF2FE }
```

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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