

Converting Colors

Hex(5BF8FF)

Have a look what the booklet for
Hex(5BF8FF) contains.

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Color

Hex(5BF8FF)

Conversions

Conversions Part 1

Format	Color
Hex	5BF8FF
RGB	91, 248, 255
RGB Percent	36%, 97%, 100%
CMY	0.6431, 0.0275, 0.0000
CMYK	0.64, 0.03, 0.00, 0.00
HSL	183°, 100%, 68%
HSV	183°, 64%, 100%
XYZ	55.9318, 76.5789, 106.4410
YIQ	201.8550, -95.8190, -31.1070

Conversions

Conversions Part 2

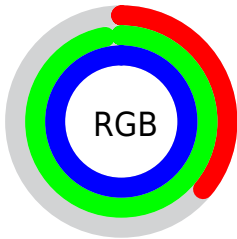
Format	Color
R _Y B	91, 171, 255
Decimal	6027519
CIE Lab	90.13, -38.45, -15.52
CIE LCh	90, 41.462, 201.975
Yxy	76.5789, 0.2341, 0.3205
Android (android.graphics.Color)	4284217599 (0xFF5BF8FF)
YUV	201.8550, 26.2005, -97.2198
Hunter-Lab	87.5094, -39.0529, -10.8601

Details

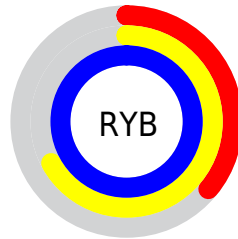
The Hex color **5BF8FF** is a light color, and the websafe version is hex **66FFFF**. The color can be described as light muted cyan. A complement of this color would be **FF625B**, and the grayscale version is **CACACA**.

A 20% lighter version of the original color is **9EFFFF**, and **00BFC6** is the 20% darker color. If you saturate the color by 10%, you get **42F7FF**, and if you desaturate by 10%, it is **75F9FF**.

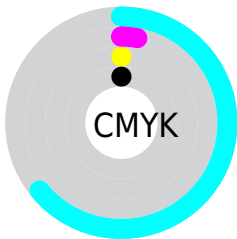
Distribution



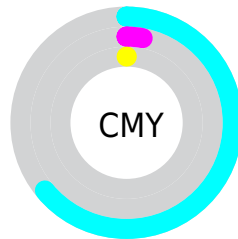
- Red (36%)
- Green (97%)
- Blue (100%)



- 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 5BF8FF 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 5BF8FF by changing the saturation by 10% instead.

 5BF8FF

 5BF8FF

FFFFFF

 30DBE2


 9EFFFF

 00BFC6

 BEFFFF

 00A4AB

 DDFFFF

 008991

FDFFFF

 006F77

 00565E

 003E47

 002830

 00021C

 5BF8FF

 5BF8FF

 42F7FF

 75F9FF

 28F6FF

 8EFAFF

 0FF5FF

 A8FBFF

 00F4FF

 C1FCFF

 DBFDFF

 F4FFFF

FFFFFF

Harmonies

Analogous

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



82F8D6



5BF8FF



64F3FF

Triad

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



5BF8FF



FFCEFF



FFDD94

Complementary

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



5BF8FF



FF625B

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.



FFCFA6



5BF8FF



FFC6EF

Square

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



5BF8FF



D9DCFF



FFC6C7



E0E998

Rectangle

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



5BF8FF



87EEFF



FFC6C7



FFD898

Sweetspot

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



5BF8FF



CFFDFF



5BFF60



627E80



000000



808080

Same Dimension

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



5BF8FF



3BF7FF



5BA8FF



737F80



00B7BF



003D40

Inverse Universe

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



FF5BF8



FF3BF7



FFB25B



80737F



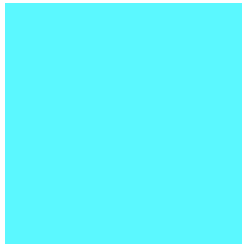
BF00B7



40003D

Previews

White Background



This preview shows how the Hex color 5BF8FF looks on a white background.

Color Contrast Check

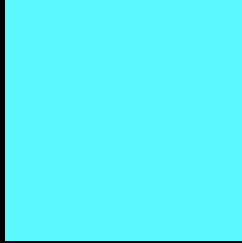
Large Text (above 18pt) WCAG AA × Fail

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 5BF8FF 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

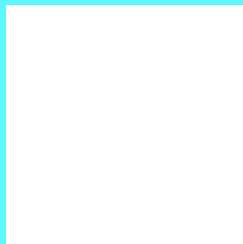
Any Text WCAG AAA ✓ Pass

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

Hex 5BF8FF Background



This preview shows how black text looks on a background with the Hex color 5BF8FF.

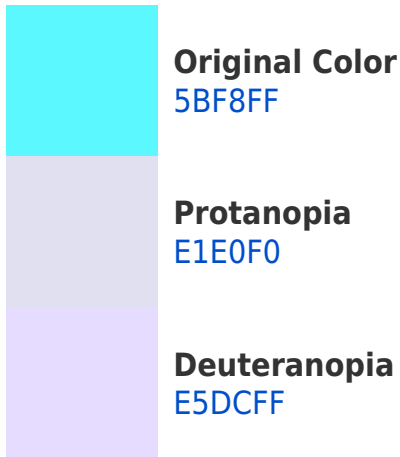


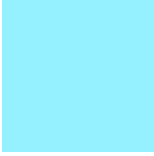
This preview shows how white text looks on a background with the Hex color 5BF8FF.

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



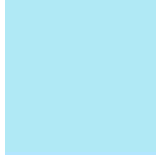


Tritanopia
95F0FF

Trichromacy



Original Color
5BF8FF



Protanomaly
B0E9F5



Deuteranomaly
B3E6FF

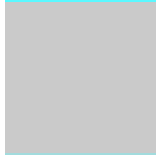


Tritanomaly
80F3FF

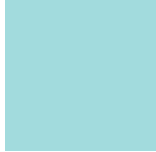
Monochromacy



Original Color
5BF8FF



Achromatopsia
CACACA



Achromatomaly
A2DBDD

CSS Examples

Text

The CSS property to change the color of the text to Hex 5BF8FF 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 #5BF8FF looks like.

```
.text, #text, p{  
    color:#5BF8FF  
}
```

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 #5BF8FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5BF8FF
}
```

Border

The CSS property to change the border of an element to Hex 5BF8FF 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
#5BF8FF }
```

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

```
.border{ border-color:#5BF8FF }
```

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

Here you see how a box with a 4 pixel #5BF8FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5BF8FF; -webkit-box-shadow:4px 4px  
4px 4px #5BF8FF; box-shadow:4px 4px 4px  
4px #5BF8FF }
```

Background

The CSS property to change the background color of an element to Hex 5BF8FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5BF8FF }
```

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

```
.background{ background-color:#5BF8FF }
```

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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