

Converting Colors

Hex(5AF9FF)

Have a look what the booklet for
Hex(5AF9FF) contains.

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Color

Hex(5AF9FF)

Conversions

Conversions Part 1

Format	Color
Hex	5AF9FF
RGB	90, 249, 255
RGB Percent	35%, 98%, 100%
CMY	0.6471, 0.0235, 0.0000
CMYK	0.65, 0.02, 0.00, 0.00
HSL	182°, 100%, 68%
HSV	182°, 65%, 100%
XYZ	56.1421, 77.1450, 106.5392
YIQ	202.1430, -96.6900, -31.8420

Conversions

Conversions Part 2

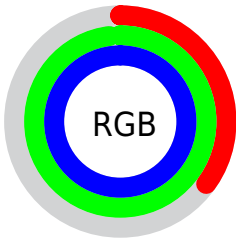
Format	Color
RYB	90, 171, 255
Decimal	5962239
CIELab	90.39, -39.05, -15.13
CIElCh	90, 41.877, 201.175
Yxy	77.1450, 0.2341, 0.3217
Android (android.graphics.Color)	4284152319 (0xFF5AF9FF)
YUV	202.1430, 26.0585, -98.3494
Hunter-Lab	87.8322, -39.6097, -10.4353

Details

The Hex color **5AF9FF** 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 **FF605A**, and the grayscale version is **CACACA**.

A 20% lighter version of the original color is **9EFFFF**, and **00C0C6** is the 20% darker color. If you saturate the color by 10%, you get **41F8FF**, and if you desaturate by 10%, it is **74FAFF**.

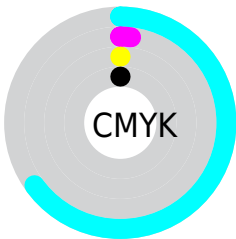
Distribution



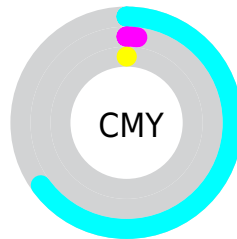
- Red (35%)
- Green (98%)
- Blue (100%)



- Red (35%)
- Yellow (67%)
- Blue (100%)



- Cyan (65%)
- Magenta (2%)
- Yellow (0%)
- Black (0%)



- Cyan (65%)
- Magenta (2%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5AF9FF 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 5AF9FF by changing the saturation by 10% instead.

 5AF9FF

 5AF9FF

FFFFFF

 2EDCE2

 9EFFFF

 00C0C6

 BDFFFF

 00A4AB

 DDFFFF

 008A91

 FCFFFF

 007077

 00565E

 003E47

 002930

 00041C

 5AF9FF

 5AF9FF

 41F8FF

 74FAFF

 27F7FF

 8DFBFF

 0EF6FF

 A7FCFF

 00F6FF

 C0FDFF

 DAFFFF

 F3FFFF

FFFFFF

Harmonies

Analogous

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



83F9D6



5AF9FF



61F4FF

Triad

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



5AF9FF



FFCFFF



FFDD94

Complementary

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



5AF9FF



FF605A

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.



FFCFA7



5AF9FF



FFC6F1

Square

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



5AF9FF



D8DDFF



FFC6C8



E2EA98

Rectangle

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



5AF9FF



85EFFF



FFC6C8



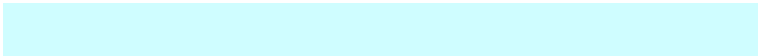
FFD898

Sweetspot

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



5AF9FF



CFFDFF



5AFF60



627E80



000000



808080

Same Dimension

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



5AF9FF



38F8FF



5AA7FF



737F80



00B8BF



003D40

Inverse Universe

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



FF5AF9



FF38F8



FFB25A



80737F



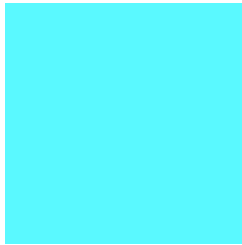
BF00B8



40003D

Previews

White Background



This preview shows how the Hex color 5AF9FF looks on a white background.

Color Contrast Check

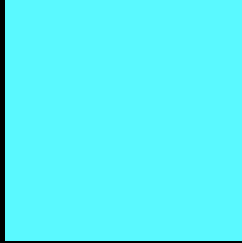
Large Text (above 18pt) WCAG AA × Fail

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 5AF9FF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

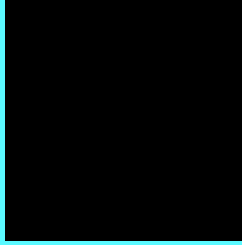
Any Text WCAG AA ✓ Pass

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 5AF9FF Background



This preview shows how black text looks on a background with the Hex color 5AF9FF.



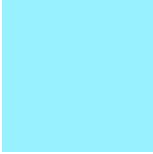
This preview shows how white text looks on a background with the Hex color 5AF9FF.

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](#).

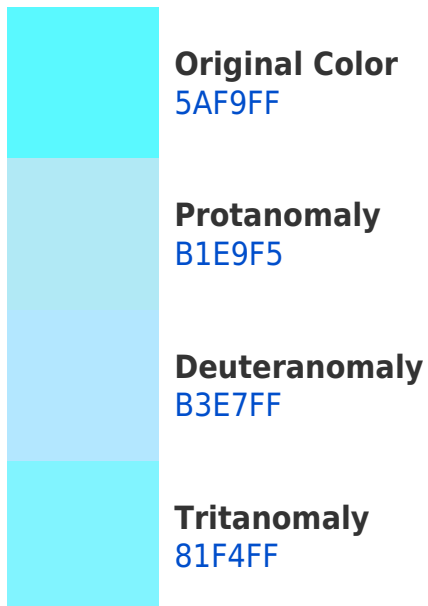
Dichromacy



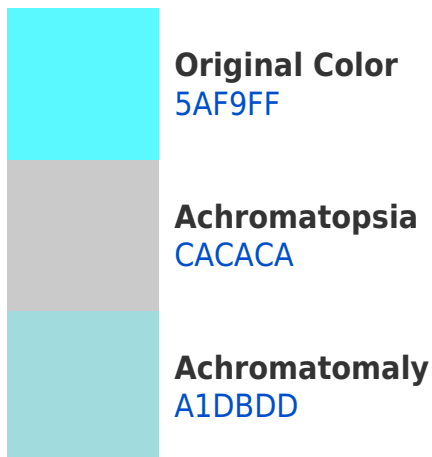


Tritanopia
98F1FF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5AF9FF 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 #5AF9FF looks like.

```
.text, #text, p{  
    color:#5AF9FF  
}
```

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 #5AF9FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5AF9FF  
}
```

Border

The CSS property to change the border of an element to Hex 5AF9FF 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  
#5AF9FF }
```

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

```
.border{ border-color:#5AF9FF }
```

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

Here you see how a box with a 4 pixel #5AF9FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5AF9FF; -webkit-box-shadow:4px 4px  
4px 4px #5AF9FF; box-shadow:4px 4px 4px  
4px #5AF9FF }
```

Background

The CSS property to change the background color of an element to Hex 5AF9FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5AF9FF }
```

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

```
.background{ background-color:#5AF9FF }
```

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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