

Converting Colors

Hex(51FFF8)

Have a look what the booklet for
Hex(51FFF8) contains.

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Color

Hex(51FFF8)

Conversions

Conversions Part 1

Format	Color
Hex	51FFF8
RGB	81, 255, 248
RGB Percent	32%, 100%, 97%
CMY	0.6824, 0.0000, 0.0275
CMYK	0.68, 0.00, 0.03, 0.00
HSL	178°, 100%, 66%
HSV	178°, 68%, 100%
XYZ	56.0966, 80.0466, 101.3009
YIQ	202.1760, -101.4570, -39.0650

Conversions

Conversions Part 2

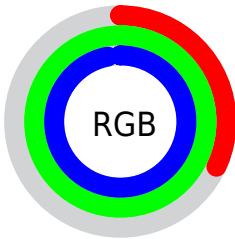
Format	Color
RYB	81, 170, 255
Decimal	5373944
CIELab	91.71, -44.84, -9.55
CIELCh	92, 45.846, 192.018
Yxy	80.0466, 0.2363, 0.3371
Android (android.graphics.Color)	4283564024 (0xFF51FFF8)
YUV	202.1760, 22.5912, -106.2714
Hunter-Lab	89.4688, -44.6515, -4.5028

Details

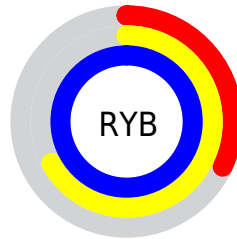
The Hex color **51FFF8** is a light color, and the websafe version is hex **33FFFF**. The color can be described as light muted cyan. A complement of this color would be **FF5158**, and the grayscale version is **CACACA**.

A 20% lighter version of the original color is **97FFFF**, and **00C6C0** is the 20% darker color. If you saturate the color by 10%, you get **38FFF7**, and if you desaturate by 10%, it is **6AFFF9**.

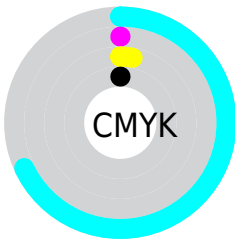
Distribution



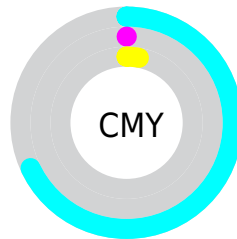
- Red (32%)
- Green (100%)
- Blue (97%)



- Red (32%)
- Yellow (67%)
- Blue (100%)



- Cyan (68%)
- Magenta (0%)
- Yellow (3%)
- Black (0%)



- Cyan (68%)
- Magenta (0%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Hex color 51FFF8 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 51FFF8 by changing the saturation by 10% instead.

 51FFF8

FFFFFF

 97FFFF

 B8FFFF

 D7FFFF


 F7FFFF

 51FFF8

 1CE2DC


 00C6C0

 00AAA5

 008F8A

 007471

 005B59

 004241

 002C2B

 000D17

 51FFF8

 51FFF8

 38FFF7

 6AFFF9

 1EFFF6

 84FFFA

 05FFF5

 9EFFF8

 00FFF5

 B7FFFC

 D1FFFD

 EAFFFE

FFFFFF

Harmonies

Analogous

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



8CFDCB



51FFF8



3BFCFF

Triad

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



51FFF8



FFD5FF



FFDB94

Complementary

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



51FFF8



FF5158

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.



FFCDAE



51FFF8



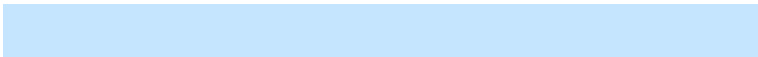
FFC9FF

Square

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



51FFF8



C5E5FF



FFC5D7



F3EA90

Rectangle

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



51FFF8



62F7FF



FFC5D7



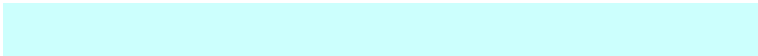
FFD69B

Sweetspot

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



51FFF8



CCFFFD



5AFF51



61807E



000000



808080

Same Dimension

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



51FFF8



2EFFF7



51B1FF



73807F



00BFB8



00403D

Inverse Universe

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



FF5158



FF2E36



FF9F51



807373



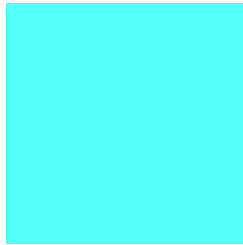
BF0008



400003

Previews

White Background



This preview shows how the Hex color 51FFF8 looks on a white background.

Color Contrast Check

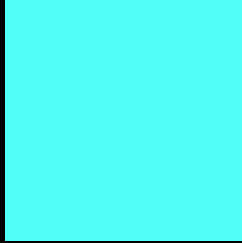
Large Text (above 18pt) WCAG AA × Fail

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 51FFF8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

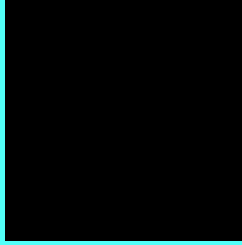
Any Text WCAG AA ✓ Pass

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 51FFF8 Background



This preview shows how black text looks on a background with the Hex color 51FFF8.

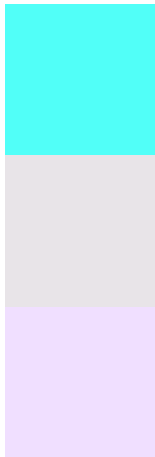


This preview shows how white text looks on a background with the Hex color 51FFF8.

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](#).

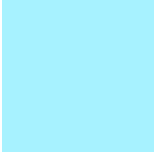
Dichromacy



Original Color
51FFF8

Protanopia
E8E4E8

Deuteranopia
F0DFFF



Tritanopia
A7F2FF

Trichromacy



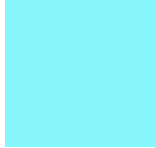
Original Color
51FFF8



Protanomaly
B1EEEE



Deuteranomaly
B6EBFC

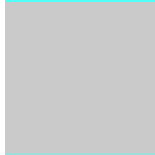


Tritanomaly
88F7FC

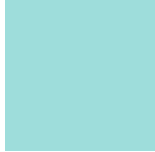
Monochromacy



Original Color
51FFF8



Achromatopsia
CACACA



Achromatomaly
9EDDDB

CSS Examples

Text

The CSS property to change the color of the text to Hex 51FFF8 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 #51FFF8 looks like.

```
.text, #text, p{  
    color:#51FFF8  
}
```

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 #51FFF8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #51FFF8  
}
```

Border

The CSS property to change the border of an element to Hex 51FFF8 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  
#51FFF8 }
```

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

```
.border{ border-color:#51FFF8 }
```

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

Here you see how a box with a 4 pixel #51FFF8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #51FFF8; -webkit-box-shadow:4px 4px  
4px 4px #51FFF8; box-shadow:4px 4px 4px  
4px #51FFF8 }
```

Background

The CSS property to change the background color of an element to Hex 51FFF8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#51FFF8 }
```

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

```
.background{ background-color:#51FFF8 }
```

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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