

Converting Colors

Hex(5FF8F3)

Have a look what the booklet for
Hex(5FF8F3) contains.

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Color

Hex(5FF8F3)

Conversions

Conversions Part 1

Format	Color
Hex	5FF8F3
RGB	95, 248, 243
RGB Percent	37%, 97%, 95%
CMY	0.6275, 0.0275, 0.0471
CMYK	0.62, 0.00, 0.02, 0.03
HSL	178°, 92%, 67%
HSV	178°, 62%, 97%
XYZ	54.4644, 76.0388, 96.6004
YIQ	201.6830, -89.5830, -33.9910

Conversions

Conversions Part 2

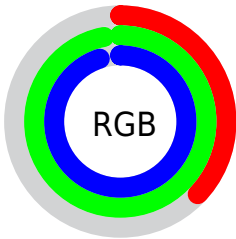
Format	Color
R _Y B	95, 173, 248
Decimal	6289651
CIE Lab	89.88, -41.07, -9.63
CIE LCh	90, 42.182, 193.197
Yxy	76.0388, 0.2398, 0.3348
Android (android.graphics.Color)	4284479731 (0xFF5FF8F3)
YUV	201.6830, 20.3693, -93.5610
Hunter-Lab	87.2002, -41.1111, -4.6413

Details

The Hex color **5FF8F3** 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 **F85F64**, and the grayscale version is **CACACA**.

A 20% lighter version of the original color is **A0FFFF**, and **00BFBB** is the 20% darker color. If you saturate the color by 10%, you get **46F8F2**, and if you desaturate by 10%, it is **78F8F4**.

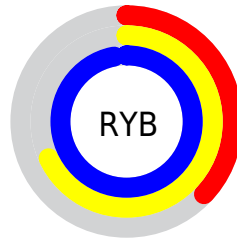
Distribution



Red (37%)

Green (97%)

Blue (95%)



Red (37%)

Yellow (68%)

Blue (97%)

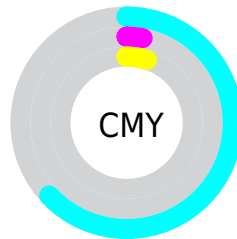


Cyan (62%)

Magenta (0%)

Yellow (2%)

Black (3%)



Cyan (63%)

Magenta (3%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5FF8F3 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 5FF8F3 by changing the saturation by 10% instead.

 5FF8F3

 5FF8F3

FFFFFF

 38DBD7

 A0FFFF

 00BFBB

 C0FFFF

 00A3A0

 DFFFFFF

 008986

FEFFFF

 006F6D

 005554

 003D3D

 002827

 000114

 5FF8F3

 5FF8F3

 46F8F2

 78F8F4

 2DF8F1

 91F8F5

 15F8F1

 A9F8F5

 00F8F0

 C2F8F6

 DBF8F7

 F4F8F8

 FFF8F9

 FFF8FA

Harmonies

Analogous

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



8EF6C9



5FF8F3



54F5FF

Triad

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



5FF8F3



FED1FF



FFD895

Complementary

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



5FF8F3



F85F64

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.



FFCBAD



5FF8F3



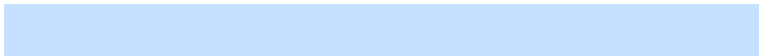
FFC6FA

Square

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



5FF8F3



C6E0FF



FFC3D1



ECE593

Rectangle

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



5FF8F3



72F0FF



FFC3D1



FFD39B

Sweetspot

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



5FF8F3



CFFFFD



64F85F



62807F



000000



808080

Same Dimension

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



5FF8F3



42FFF9



5FB1F8



707D7D



00BDB7



003D3B

Inverse Universe

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



F85F64



FF4248



F8A65F



7D7071



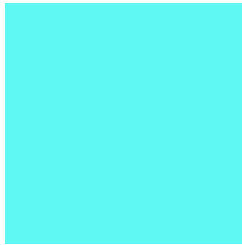
BD0006



3D0002

Previews

White Background



This preview shows how the Hex color 5FF8F3 looks on a white background.

Color Contrast Check

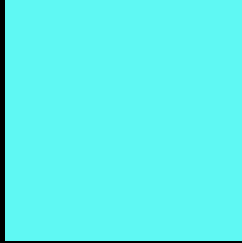
Large Text (above 18pt) WCAG AA × Fail

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 5FF8F3 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

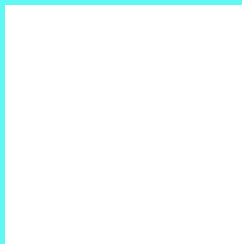
Any Text WCAG AAA ✓ Pass

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

Hex 5FF8F3 Background



This preview shows how black text looks on a background with the Hex color 5FF8F3.

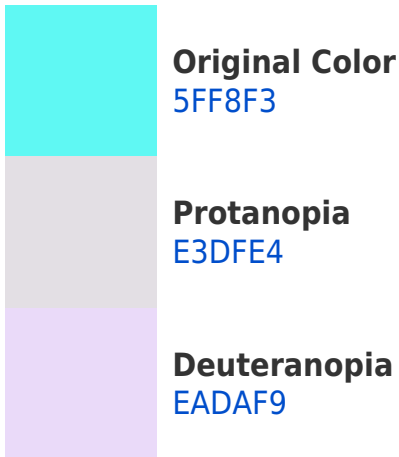


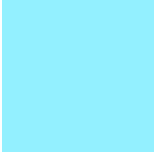
This preview shows how white text looks on a background with the Hex color 5FF8F3.

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
93F0FF

Trichromacy



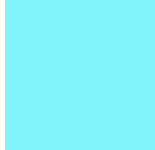
Original Color
5FF8F3



Protanomaly
B3E8E9



Deuteranomaly
B7E5F7

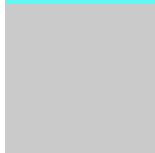


Tritanomaly
80F3FB

Monochromacy



Original Color
5FF8F3



Achromatopsia
CACACA



Achromatomaly
A3DBD9

CSS Examples

Text

The CSS property to change the color of the text to Hex 5FF8F3 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 #5FF8F3 looks like.

```
.text, #text, p{  
    color:#5FF8F3  
}
```

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 #5FF8F3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5FF8F3  
}
```

Border

The CSS property to change the border of an element to Hex 5FF8F3 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  
#5FF8F3 }
```

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

```
.border{ border-color:#5FF8F3 }
```

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

Here you see how a box with a 4 pixel #5FF8F3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5FF8F3; -webkit-box-shadow:4px 4px  
4px 4px #5FF8F3; box-shadow:4px 4px 4px  
4px #5FF8F3 }
```

Background

The CSS property to change the background color of an element to Hex 5FF8F3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5FF8F3 }
```

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

```
.background{ background-color:#5FF8F3 }
```

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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