

# Converting Colors

Hex(5EF5F8)

Have a look what the booklet for  
Hex(5EF5F8) contains.

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# Color

**Hex(5EF5F8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5EF5F8
RGB	94, 245, 248
RGB Percent	37%, 96%, 97%
CMY	0.6314, 0.0392, 0.0275
CMYK	0.62, 0.01, 0.00, 0.03
HSL	181°, 92%, 67%
HSV	181°, 62%, 97%
XYZ	54.2118, 74.4618, 100.3222
YIQ	200.1930, -90.9590, -31.0790

# Conversions

## Conversions Part 2

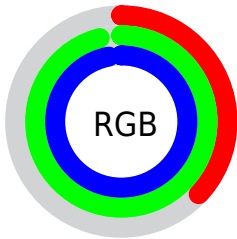
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	94, 170, 248
Decimal	6223352
CIE Lab	89.14, -38.53, -13.34
CIE LCh	89, 40.778, 199.093
Yxy	74.4618, 0.2367, 0.3252
Android (android.graphics.Color)	4284413432 (0xFF5EF5F8)
YUV	200.1930, 23.5689, -93.1313
Hunter-Lab	86.2913, -38.8685, -8.5267

# Details

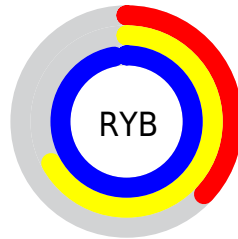
The Hex color **5EF5F8** is a light color, and the websafe version is hex **66FFFF**. The color can be described as light muted cyan. A complement of this color would be **F8615E**, and the grayscale version is **C8C8C8**.

A 20% lighter version of the original color is **A0FFFF**, and **00BCC0** is the 20% darker color. If you saturate the color by 10%, you get **45F5F8**, and if you desaturate by 10%, it is **77F5F8**.

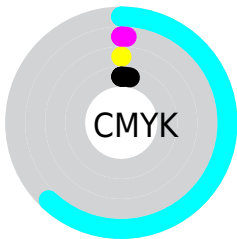
# Distribution



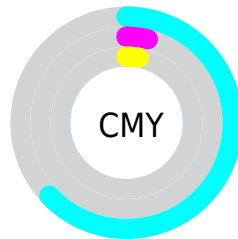
- Red (37%)
- Green (96%)
- Blue (97%)



- Red (37%)
- Yellow (67%)
- Blue (97%)



- Cyan (62%)
- Magenta (1%)
- Yellow (0%)
- Black (3%)



- Cyan (63%)
- Magenta (4%)
- Yellow (3%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5EF5F8 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 5EF5F8 by changing the saturation by 10% instead.



 5EF5F8

 5EF5F8

FFFFFF

 36D8DB

 A0FFFF

 00BCC0

 BFFFFFF

 00A1A5

 DEFFFF

 00868A

FDFFFF

 006C71

 005358

 003B41

 00272B

 000117

 5EF5F8

 5EF5F8

 45F5F8

 77F5F8

 2CF4F8

 90F6F8

 14F4F8

 A8F6F8

 00F3F8

 C1F7F8

 DAF7F8

 F3F8F8

 FFF8F8

 FFF9F8

# Harmonies

## Analogous

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



86F4D0



5EF5F8



61F1FF

# Triad

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



5EF5F8



FFCDDF



FFD994

# Complementary

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



5EF5F8



F8615E

# 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.



FFCCA7



5EF5F8



FFC4F0

# Square

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



5EF5F8



D1DBFF



FFC3C8



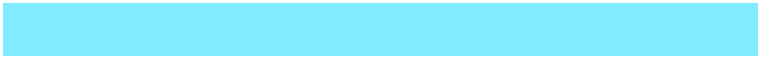
E1E595

# Rectangle

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



5EF5F8



81EBFF



FFC3C8



FFD498



# Sweetspot

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



5EF5F8



CFFEFF



5EF861



627F80



000000



808080



# Same Dimension

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



5EF5F8



40FBFF



5EA8F8



707D7D



00B9BD



003C3D



# Inverse Universe

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



F85EF5



FF40FB



F8AE5E



7D707D



BD00B9

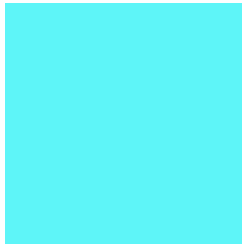


3D003C



# Previews

## White Background



This preview shows how the Hex color 5EF5F8 looks on a white background.

## Color Contrast Check

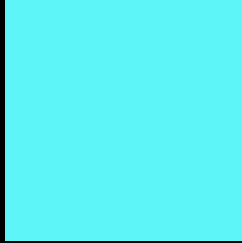
Large Text (above 18pt) WCAG AA × Fail

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 5EF5F8 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 5EF5F8 Background



This preview shows how black text looks on a background with the Hex color 5EF5F8.

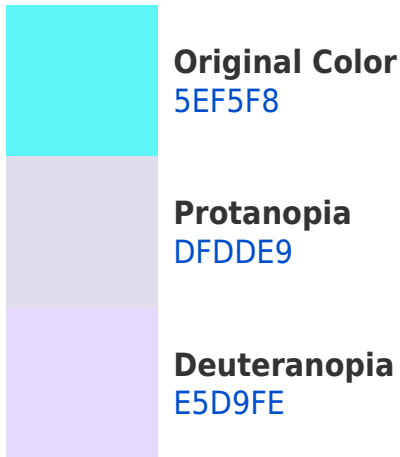


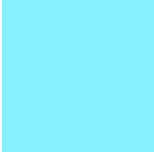
This preview shows how white text looks on a background with the Hex color 5EF5F8.

# 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**  
88EFFF

# Trichromacy



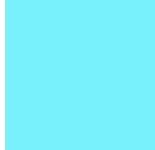
**Original Color**  
5EF5F8



**Protanomaly**  
B0E6EE



**Deuteranomaly**  
B4E3FC

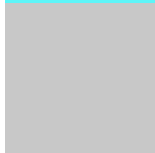


**Tritanomaly**  
79F1FC

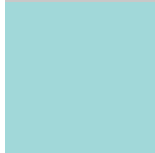
# Monochromacy



**Original Color**  
5EF5F8



**Achromatopsia**  
C8C8C8



**Achromatomaly**  
A1D8D9

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5EF5F8 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 #5EF5F8 looks like.

```
.text, #text, p{  
    color:#5EF5F8  
}
```

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 #5EF5F8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5EF5F8  
}
```

## Border

The CSS property to change the border of an element to Hex 5EF5F8 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  
#5EF5F8 }
```

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

```
.border{ border-color:#5EF5F8 }
```

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

Here you see how a box with a 4 pixel #5EF5F8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5EF5F8; -webkit-box-shadow:4px 4px  
4px 4px #5EF5F8; box-shadow:4px 4px 4px  
4px #5EF5F8 }
```

# Background

The CSS property to change the background color of an element to Hex 5EF5F8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5EF5F8 }
```

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

```
.background{ background-color:#5EF5F8 }
```

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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