

# Converting Colors

Hex(5BF7AF7)

Have a look what the booklet for  
Hex(5BFAF7) contains.

<b>Hex(5BFAF7)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(5BFAF7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5BFAF7
RGB	91, 250, 247
RGB Percent	36%, 98%, 97%
CMY	0.6431, 0.0196, 0.0314
CMYK	0.64, 0.00, 0.01, 0.02
HSL	179°, 94%, 67%
HSV	179°, 64%, 98%
XYZ	55.2885, 77.3108, 100.0041
YIQ	202.1170, -93.8010, -34.6410

# Conversions

## Conversions Part 2

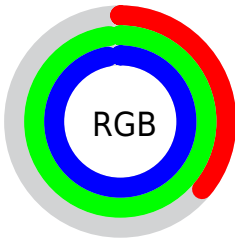
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">91, 171, 250</a>
Decimal	<a href="#">6028023</a>
CIELab	<a href="#">90.46, -41.51, -10.85</a>
CIELCh	<a href="#">90, 42.909, 194.646</a>
Yxy	<a href="#">77.3108, 0.2377, 0.3324</a>
Android (android.graphics.Color)	<a href="#">4284218103 (0xFF5BFAF7)</a>
YUV	<a href="#">202.1170, 22.1273, -97.4496</a>
Hunter-Lab	<a href="#">87.9265, -41.6301, -5.8855</a>

# Details

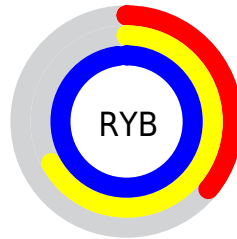
The Hex color **5BFAF7** is a light color, and the websafe version is hex **66FFFF**. The color can be described as light muted cyan. A complement of this color would be **FA5B5E**, and the grayscale version is **CACACA**.

A 20% lighter version of the original color is **9EFFFF**, and **00C1BF** is the 20% darker color. If you saturate the color by 10%, you get **42FAF7**, and if you desaturate by 10%, it is **74FAF7**.

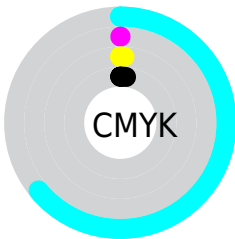
# Distribution



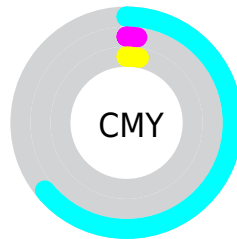
- Red (36%)
- Green (98%)
- Blue (97%)



- Red (36%)
- Yellow (67%)
- Blue (98%)



- Cyan (64%)
- Magenta (0%)
- Yellow (1%)
- Black (2%)



- Cyan (64%)
- Magenta (2%)
- Yellow (3%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5BFAF7 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 5BFAF7 by changing the saturation by 10% instead.



 5BFAF7

FFFFFF

 9EFFFF

 BDFFFF

 DDFFFF

 FCFFFF

 5BFAF7

 31DDDB

 00C1BF

 00A5A4

 008A89

 007070

 005758

 003F40

 00292A

 000417

 5BFAF7

 5BFAF7

 42FAF7

 74FAF7

 29FAF6

 8DFAF8

 10FAF6

 A6FAF8

 00FAF5

 BFFAF9

 D8FAF9

 F1FAFA

 FFFAFA

 FFFAFB

# Harmonies

## Analogous

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



8BF8CD



5BFAF7



53F7FF

# Triad

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



5BFAF7



FFD2FF



FFDA95

# Complementary

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



5BFAF7



FA5B5E

# 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.



FFCCAC



5BFAF7



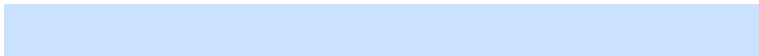
FFC7FB

# Square

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



5BFAF7



CAE1FF



FFC5D1



EBE893

# Rectangle

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



5BFAF7



73F1FF



FFC5D1



FFD59A

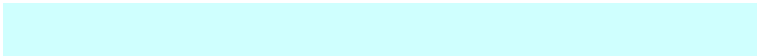


# Sweetspot

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



5BFAF7



CFFFFE



60FA5B



62807F



000000



808080



# Same Dimension

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



5BFAF7



3DFFFB



5BB0FA



707D7D



00BDB9



003D3C



# Inverse Universe

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



FA5B5E



FF3D41



FAA55B



7D7071



BD0004

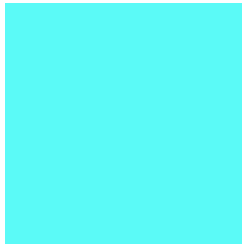


3D0001



# Previews

## White Background



This preview shows how the Hex color 5BFAF7 looks on a white background.

## Color Contrast Check

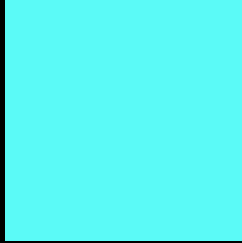
Large Text (above 18pt) WCAG AA × Fail

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 5BFAF7 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 5BFAF7 Background



This preview shows how black text looks on a background with the Hex color 5BFAF7.



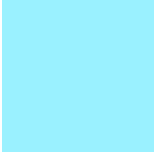
This preview shows how white text looks on a background with the Hex color 5BFAF7.

# 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](#).

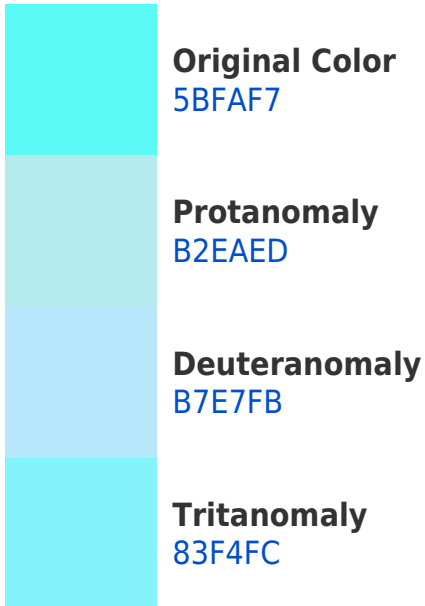
## Dichromacy



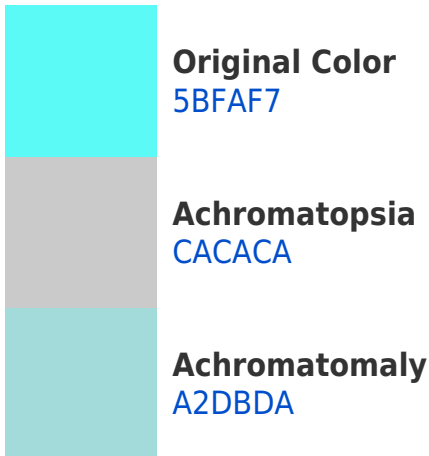


**Tritanopia**  
9AF1FF

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5BFAF7 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 #5BFAF7 looks like.

```
.text, #text, p{  
    color:#5BFAF7  
}
```

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 #5BFAF7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5BFAF7
}
```

## Border

The CSS property to change the border of an element to Hex 5BFAF7 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
#5BFAF7 }
```

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

```
.border{ border-color:#5BFAF7 }
```

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

Here you see how a box with a 4 pixel #5BFAF7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5BFAF7; -webkit-box-shadow:4px 4px  
4px 4px #5BFAF7; box-shadow:4px 4px 4px  
4px #5BFAF7 }
```

# Background

The CSS property to change the background color of an element to Hex 5BFAF7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5BFAF7 }
```

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

```
.background{ background-color:#5BFAF7 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor