

# Converting Colors

Hex(3FC6EF)

Have a look what the booklet for  
Hex(3FC6EF) contains.

|  |    |
|--|----|
| <b>Hex(3FC6EF)</b> .....                       | 3  |
| <b><i>Conversions</i></b> .....                | 4  |
| <b><i>Details</i></b> .....                    | 6  |
| <b><i>Harmonies</i></b> .....                  | 11 |
| <b><i>Previews</i></b> .....                   | 23 |
| <b><i>Color Blindness Simulation</i></b> ..... | 26 |
| <b><i>CSS Examples</i></b> .....               | 29 |

# **Color**

**Hex(3FC6EF)**

# Conversions

## Conversions Part 1

| Format      | Color                        |
|-------------|------------------------------|
| Hex         | 3FC6EF                       |
| RGB         | 63, 198, 239                 |
| RGB Percent | 25%, 78%, 94%                |
| CMY         | 0.7529, 0.2235, 0.0627       |
| CMYK        | 0.74, 0.17, 0.00, 0.06       |
| HSL         | 194°, 85%, 59%               |
| HSV         | 194°, 74%, 94%               |
| XYZ         | 37.8240, 47.6769, 88.8704    |
| YIQ         | 162.3090, -93.6210, -15.8690 |

# Conversions

## Conversions Part 2

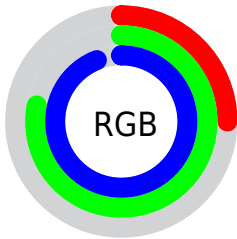
| <b>Format</b>                       | <b>Color</b>                   |
|-------------------------------------|--------------------------------|
| R <sub>YB</sub>                     | 63, 139, 239                   |
| Decimal                             | 4179695                        |
| CIE Lab                             | 74.62, -22.83, -30.67          |
| CIE LCh                             | 75, 38.233, 233.329            |
| Yxy                                 | 47.6769, 0.2169,<br>0.2734     |
| Android<br>(android.graphics.Color) | 4282369775<br>(0xFF3FC6EF)     |
| YUV                                 | 162.3090, 37.8087,<br>-87.0940 |
| Hunter-Lab                          | 69.0485, -23.0546,<br>-27.9766 |

# Details

The Hex color **3FC6EF** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light washed cyan. A complement of this color would be **EF683F**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **85FFFF**, and **0090B7** is the 20% darker color. If you saturate the color by 10%, you get **27C0EF**, and if you desaturate by 10%, it is **57CCEF**.

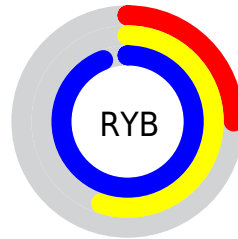
# Distribution



Red (25%)

Green (78%)

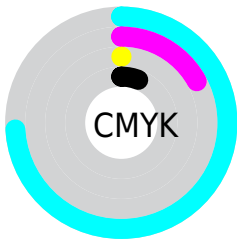
Blue (94%)



Red (25%)

Yellow (55%)

Blue (94%)

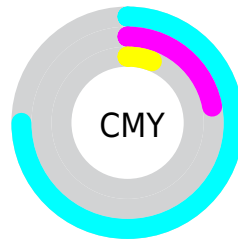


Cyan (74%)

Magenta (17%)

Yellow (0%)

Black (6%)



Cyan (75%)

Magenta (22%)

Yellow (6%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3FC6EF 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 3FC6EF by changing the saturation by 10% instead.



 3FC6EF

FFFFFF

 85FFFF

 A5FFFF

 C4FFFF

 E3FFFF

 3FC6EF

 00ABD3

 0090B7

 00769C

 005D82

 004568

 002F50

 001B39

 000223

 00000A

■ 3FC6EF

■ 3FC6EF

■ 27C0EF

■ 57CCEF

■ 0FBBEF

■ 6FD1EF

■ 00B7EF

■ 87D7EF

■ 9FDCEF

■ B7E2EF

■ CEE7EF

■ E6EDEF

■ FEF3EF

■ FFF8EF

# Harmonies

## Analogous

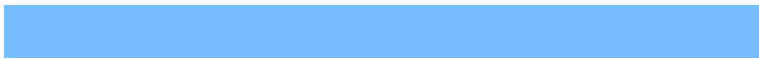
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



33CAD2



3FC6EF



78BDFD

# Triad

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



3FC6EF



F69DC1



B3BE76

# Complementary

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



3FC6EF



EF683F

# 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.



D6B372



3FC6EF



FC9E9E

# Square

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



3FC6EF



DDA5E2



F0A780



8AC68C

# Rectangle

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



3FC6EF



9FB6FC



F0A780



BFBA72

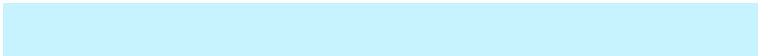


# Sweetspot

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



3FC6EF



C7F2FF



3FEF65



5E7880



000000



808080



# Same Dimension

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



3FC6EF



1FCBFF



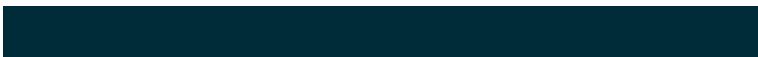
3F71EF



6C7578



008DB8



002B38



# Inverse Universe

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



EF3FC6



FF1FCB



EFBD3F



786C75



B8008D

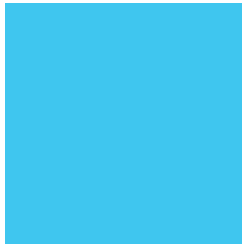


38002B



# Previews

## White Background



This preview shows how the Hex color 3FC6EF looks on a white background.

## Color Contrast Check

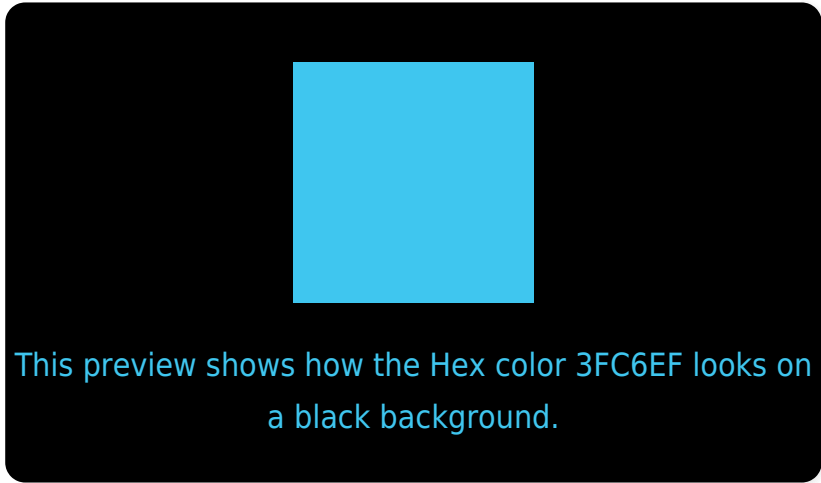
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## 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 3FC6EF Background



This preview shows how black text looks on a background with the Hex color 3FC6EF.

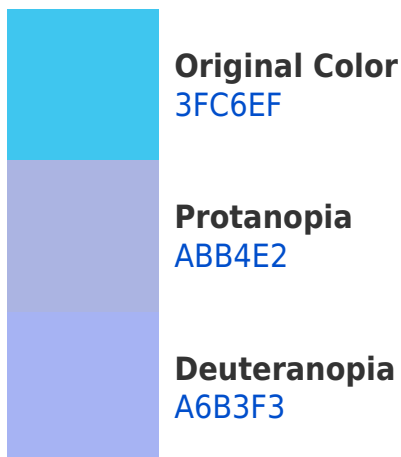


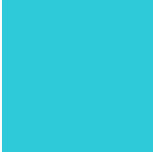
This preview shows how white text looks on a background with the Hex color 3FC6EF.

# Color Blindness Simulation

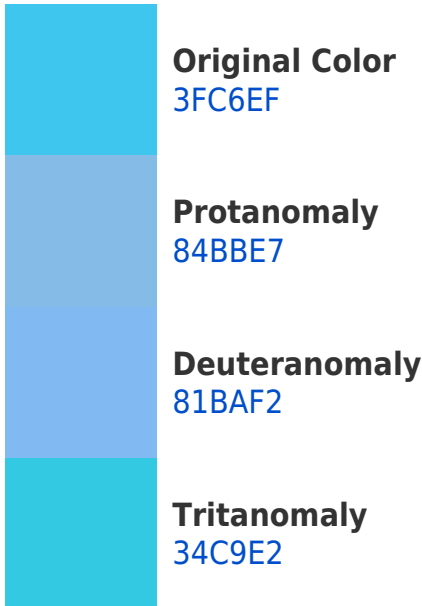
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

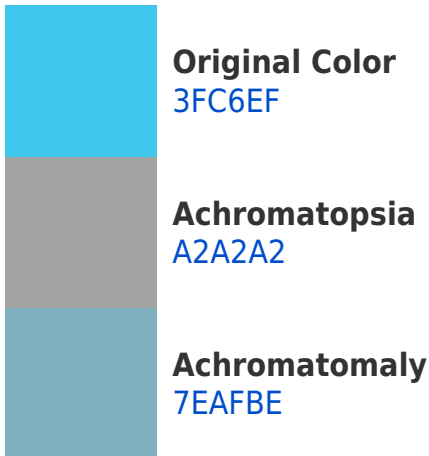




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3FC6EF 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 #3FC6EF looks like.

```
.text, #text, p{  
    color:#3FC6EF  
}
```

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 #3FC6EF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3FC6EF
}
```

## Border

The CSS property to change the border of an element to Hex 3FC6EF 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
#3FC6EF }
```

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

```
.border{ border-color:#3FC6EF }
```

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

Here you see how a box with a 4 pixel #3FC6EF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3FC6EF; -webkit-box-shadow:4px 4px  
4px 4px #3FC6EF; box-shadow:4px 4px 4px  
4px #3FC6EF }
```

# Background

The CSS property to change the background color of an element to Hex 3FC6EF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3FC6EF }
```

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

```
.background{ background-color:#3FC6EF }
```

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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