

# Converting Colors

Hex(3FCEF7)

Have a look what the booklet for  
Hex(3FCEF7) contains.

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# **Color**

**Hex(3FCEF7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3FCEF7
RGB	63, 206, 247
RGB Percent	25%, 81%, 97%
CMY	0.7529, 0.1922, 0.0314
CMYK	0.74, 0.17, 0.00, 0.03
HSL	193°, 92%, 61%
HSV	193°, 74%, 97%
XYZ	40.9097, 51.9148, 95.8601
YIQ	167.9170, -98.3890, -17.5650

# Conversions

## Conversions Part 2

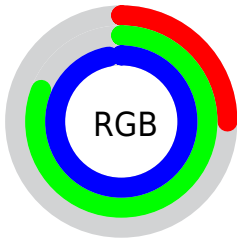
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">63, 143, 247</a>
Decimal	<a href="#">4181751</a>
CIELab	<a href="#">77.23, -24.34, -30.94</a>
CIELCh	<a href="#">77, 39.369, 231.813</a>
Yxy	<a href="#">51.9148, 0.2168, 0.2751</a>
Android (android.graphics.Color)	<a href="#">4282371831 (0xFF3FCEF7)</a>
YUV	<a href="#">167.9170, 38.9879, -92.0122</a>
Hunter-Lab	<a href="#">72.0519, -24.7419, -28.4449</a>

# Details

The Hex color **3FCEF7** 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 **F7683F**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **87FFFF**, and **0098BF** is the 20% darker color. If you saturate the color by 10%, you get **26C8F7**, and if you desaturate by 10%, it is **58D4F7**.

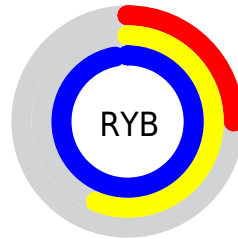
# Distribution



Red (25%)

Green (81%)

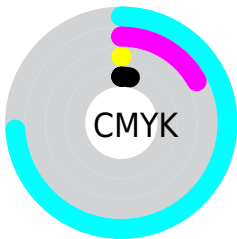
Blue (97%)



Red (25%)

Yellow (56%)

Blue (97%)

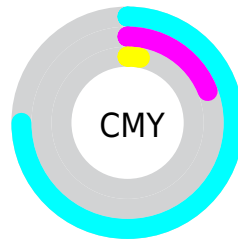


Cyan (74%)

Magenta (17%)

Yellow (0%)

Black (3%)



Cyan (75%)

Magenta (19%)

Yellow (3%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3FCEF7 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 3FCEF7 by changing the saturation by 10% instead.



 3FCEF7

 3FCEF7

FFFFFF

 00B2DA

 87FFFF

 0098BF

 A7FFFF

 007DA3

 C6FFFF

 006489

 E6FFFF

 004C6F

 003557

 00213F

 000329

 000113

■ 3FCEF7

■ 3FCEF7

■ 26C8F7

■ 58D4F7

■ 0EC3F7

■ 70D9F7

■ 00C0F7

■ 89DFF7

■ A2E4F7

■ BBFAF7

■ D3EFF7

■ ECF5F7

■ FFFAF7

■ FFFFF7

# Harmonies

## Analogous

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



36D2D9



3FCEF7



7AC5FF

# Triad

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



3FCEF7



FFA3CA



BCC57A

# Complementary

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



3FCEF7



F7683F

# 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.



E0B976



3FCEF7



FFA4A5

# Square

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



3FCEF7



E3ACEC



FBAD87



92CD90

# Rectangle

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



3FCE7



A2BDF



FBAD87



C9C176

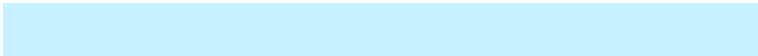


# Sweetspot

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



3FCEF7



C7F2FF



3FF767



5E7880



000000



808080



# Same Dimension

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



3FCEF7



1CCCCF



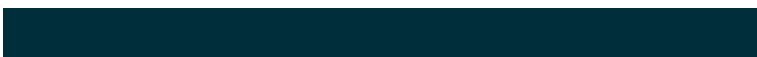
3F73F7



6E787A



0091BA



002E3B



# Inverse Universe

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



F73FCE



FF1CCC



F7C33F



7A6E78



BA0091

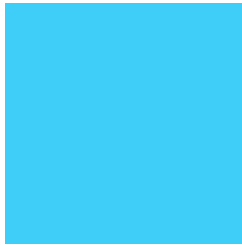


3B002E



# Previews

## White Background



This preview shows how the Hex color 3FCEF7 looks on a white background.

## Color Contrast Check

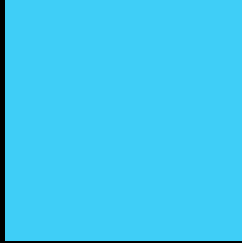
Large Text (above 18pt) WCAG AA × Fail

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 3FCEF7 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 3FCEF7 Background



This preview shows how black text looks on a background with the Hex color 3FCEF7.

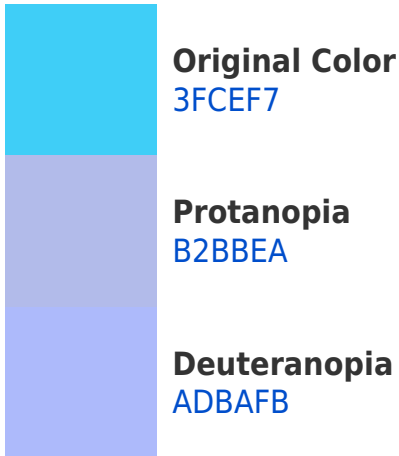


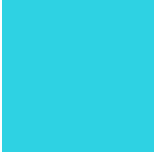
This preview shows how white text looks on a background with the Hex color 3FCEF7.

# 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](#).

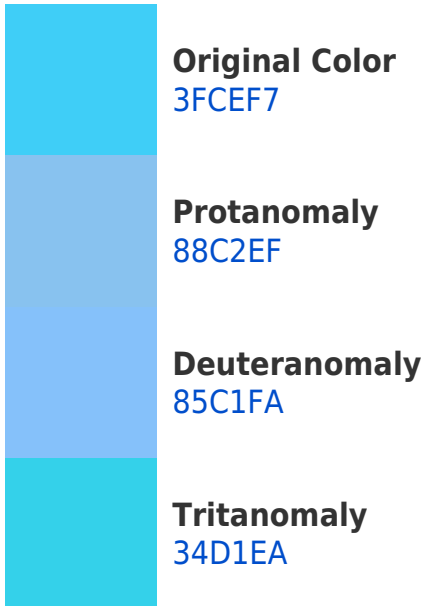
## Dichromacy



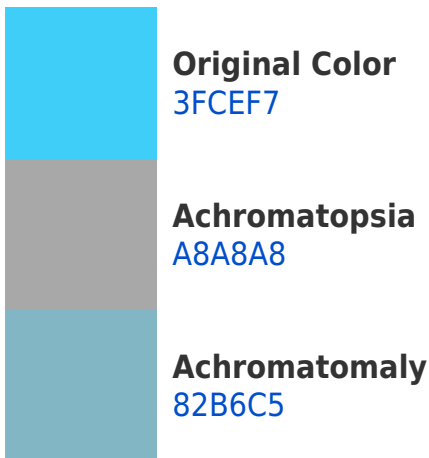


**Tritanopia**  
2ED2E3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3FCEF7 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 #3FCEF7 looks like.

```
.text, #text, p{  
    color:#3FCEF7  
}
```

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 #3FCEF7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3FCEF7
}
```

## Border

The CSS property to change the border of an element to Hex 3FCEF7 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
#3FCEF7 }
```

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

```
.border{ border-color:#3FCEF7 }
```

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

Here you see how a box with a 4 pixel #3FCEF7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3FCEF7; -webkit-box-shadow:4px 4px  
4px 4px #3FCEF7; box-shadow:4px 4px 4px  
4px #3FCEF7 }
```

# Background

The CSS property to change the background color of an element to Hex 3FCEF7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3FCEF7 }
```

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

```
.background{ background-color:#3FCEF7 }
```

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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