

# Converting Colors

Hex(3EC4FC)

Have a look what the booklet for  
Hex(3EC4FC) contains.

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# **Color**

**Hex(3EC4FC)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3EC4FC
RGB	62, 196, 252
RGB Percent	24%, 77%, 99%
CMY	0.7569, 0.2314, 0.0118
CMYK	0.75, 0.22, 0.00, 0.01
HSL	198°, 97%, 62%
HSV	198°, 75%, 99%
XYZ	39.2972, 47.5323, 99.1989
YIQ	162.3180, -97.8400, -10.9920

# Conversions

## Conversions Part 2

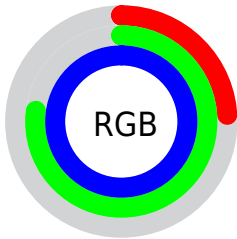
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	62, 141, 252
Decimal	4113660
CIE Lab	74.53, -17.72, -37.80
CIE LCh	75, 41.750, 244.879
Yxy	47.5323, 0.2112, 0.2555
Android (android.graphics.Color)	4282303740 (0xFF3EC4FC)
YUV	162.3180, 44.2132, -87.9789
Hunter-Lab	68.9436, -18.9081, -37.0483

# Details

The Hex color **3EC4FC** 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 **FC763E**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **86FDFF**, and **008EC3** is the 20% darker color. If you saturate the color by 10%, you get **25BDFC**, and if you desaturate by 10%, it is **57CBFC**.

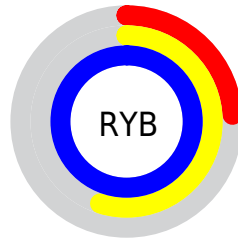
# Distribution



Red (24%)

Green (77%)

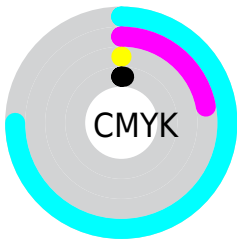
Blue (99%)



Red (24%)

Yellow (55%)

Blue (99%)

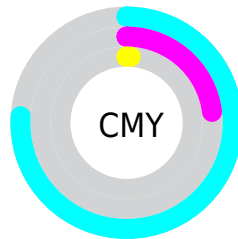


Cyan (75%)

Magenta (22%)

Yellow (0%)

Black (1%)



Cyan (76%)

Magenta (23%)

Yellow (1%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3EC4FC 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 3EC4FC by changing the saturation by 10% instead.



 3EC4FC

 3EC4FC

FFFFFF

 00A9DF

 86FDFD

 008EC3

 A6FFFF

 0075A8

 C6FFFF

 005C8D

 E5FFFF

 004473

 002E5A

 001B43

 00032C

 000116

■ 3EC4FC

■ 3EC4FC

■ 25BDFC

■ 57CBFC

■ 0CB5FC

■ 70D3FC

■ 00B2FC

■ 8ADAFc

■ A3E2FC

■ BCE9FC

■ D5F1FC

■ EEf8FC

FFFFFC

# Harmonies

## Analogous

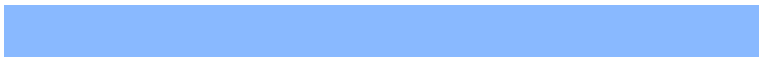
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



00CAE2



3EC4FC



89B9FF

# Triad

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



3EC4FC



FF99B2



A1C277

# Complementary

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



3EC4FC



FC763E

# 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.



CAB76A



3EC4FC



FF9E8D

# Square

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



3EC4FC



ED9ED9



EBAA73



72C995

# Rectangle

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



3EC4FC



B2B0FD



EBAA73



B0BF70

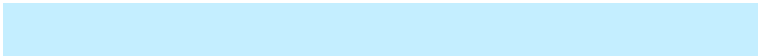


# Sweetspot

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



3EC4FC



C4EEFF



3EFC74



5C7580



000000



808080

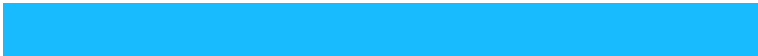


# Same Dimension

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



3EC4FC



19BBFF



3E67FC



70797D



0085BD



002B3D



# Inverse Universe

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



FC3EC4



FF19BB



FCD33E



7D7079



BD0085

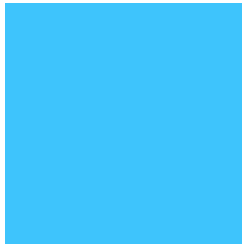


3D002B



# Previews

## White Background



This preview shows how the Hex color 3EC4FC looks on a white background.

## Color Contrast Check

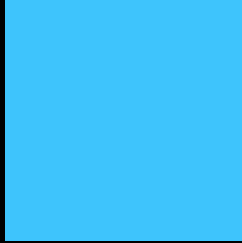
Large Text (above 18pt) WCAG AA × Fail

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 3EC4FC 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

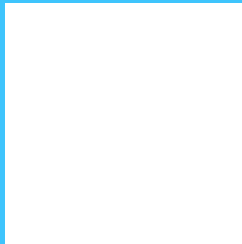
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 3EC4FC Background



This preview shows how black text looks on a background with the Hex color 3EC4FC.

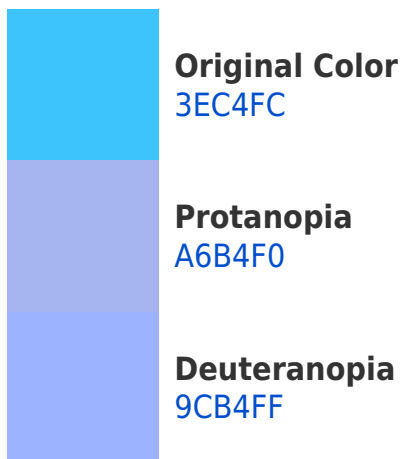


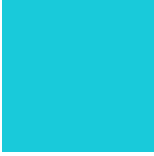
This preview shows how white text looks on a background with the Hex color 3EC4FC.

# Color Blindness Simulation

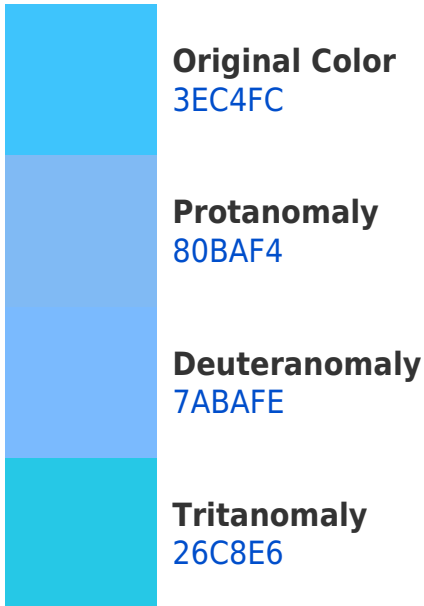
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

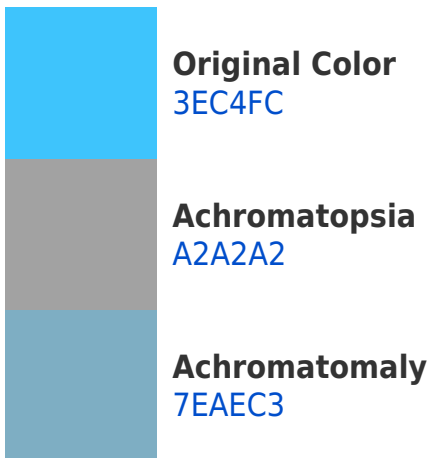




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3EC4FC 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 #3EC4FC looks like.

```
.text, #text, p{  
    color:#3EC4FC  
}
```

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 #3EC4FC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3EC4FC
}
```

## Border

The CSS property to change the border of an element to Hex 3EC4FC 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
#3EC4FC }
```

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

```
.border{ border-color:#3EC4FC }
```

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

Here you see how a box with a 4 pixel #3EC4FC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3EC4FC; -webkit-box-shadow:4px 4px  
4px 4px #3EC4FC; box-shadow:4px 4px 4px  
4px #3EC4FC }
```

# Background

The CSS property to change the background color of an element to Hex 3EC4FC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3EC4FC }
```

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

```
.background{ background-color:#3EC4FC }
```

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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