

# Converting Colors

Hex(3E8CF1)

Have a look what the booklet for  
Hex(3E8CF1) contains.

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# Color

**Hex(3E8CF1)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3E8CF1
RGB	62, 140, 241
RGB Percent	24%, 55%, 95%
CMY	0.7569, 0.4510, 0.0549
CMYK	0.74, 0.42, 0.00, 0.05
HSL	214°, 86%, 59%
HSV	214°, 74%, 95%
XYZ	27.2419, 26.1312, 86.8271
YIQ	128.1920, -78.9090, 14.8750

# Conversions

## Conversions Part 2

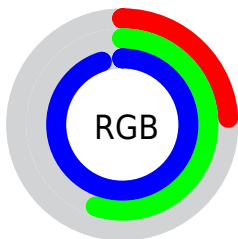
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	62, 116, 241
Decimal	4099313
CIE <sub>Lab</sub>	58.16, 10.00, -57.60
CIE <sub>LCh</sub>	58, 58.462, 279.850
Yxy	26.1312, 0.1943, 0.1864
Android (android.graphics.Color)	4282289393 (0xFF3E8CF1)
YUV	128.1920, 55.6143, -58.0504
Hunter-Lab	51.1187, 5.6676, -64.9234

# Details

The Hex color **3E8CF1** is a dark color, and the websafe version is hex **3399FF**. The color can be described as middle washed azure. A complement of this color would be **F1A33E**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **83C1FF**, and **005BB8** is the 20% darker color. If you saturate the color by 10%, you get **267EF1**, and if you desaturate by 10%, it is **569AF1**.

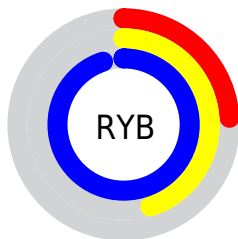
# Distribution



Red (24%)

Green (55%)

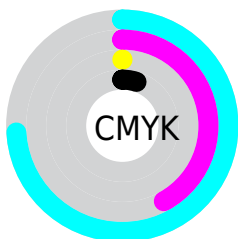
Blue (95%)



Red (24%)

Yellow (45%)

Blue (95%)

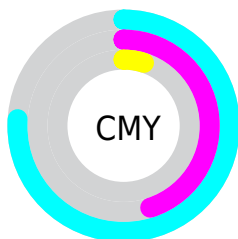


Cyan (74%)

Magenta (42%)

Yellow (0%)

Black (5%)



Cyan (76%)

Magenta (45%)

Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3E8CF1 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 3E8CF1 by changing the saturation by 10% instead.



 3E8CF1

 3E8CF1

FFFFFF

 0073D4

 83C1FF

 005BB8

 A3DDFF

 00449D

 C1F9FF

 002F82

 E0FFFF

 001C68

 000950

 000538

 000221

 000007

■ 3E8CF1

■ 3E8CF1

■ 267EF1

■ 569AF1

■ 0E71F1

■ 6EA7F1

■ 0069F1

■ 86B5F1

■ 9EC2F1

■ B7D0F1

■ CFDEF1

■ E7EBF1

■ FFF9F1

■ FFFFF1

# Harmonies

## Analogous

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



009BEC



3E8CF1



A477DB

# Triad

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



3E8CF1



E0684D



00A267

# Complementary

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



3E8CF1



F1A33E

# 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.



5F9B37



3E8CF1



C27C26

# Square

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



3E8CF1



E85B7D



968F18



00A49C

# Rectangle

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



3E8CF1



C968C0



968F18



1FA056



# Sweetspot

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



3E8CF1



C7DFFF



3EF1A0



5E6D80



000000



808080



# Same Dimension

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



3E8CF1



1C7FFF



473EF1



6C7178



0050B8



001838



# Inverse Universe

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



F13E8C



FF1C7F



E8F13E



786C71



B80050



380018



# Previews

## White Background



This preview shows how the Hex color 3E8CF1 looks on a white background.

## Color Contrast Check

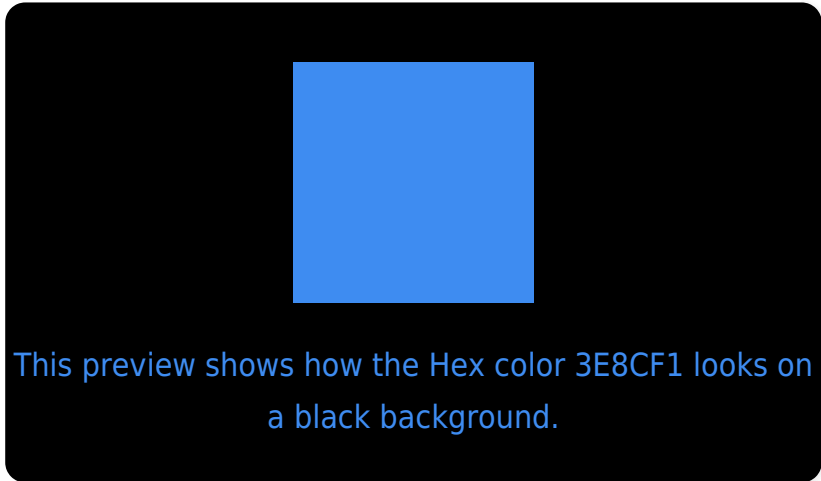
Large Text (above 18pt) WCAG AA ✓ Pass

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

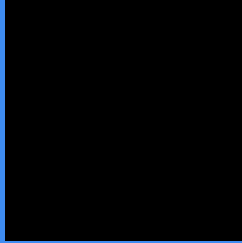
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

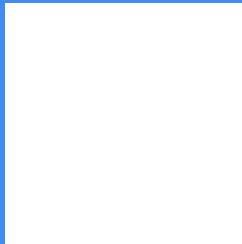
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 3E8CF1 Background



This preview shows how black text looks on a background with the Hex color 3E8CF1.

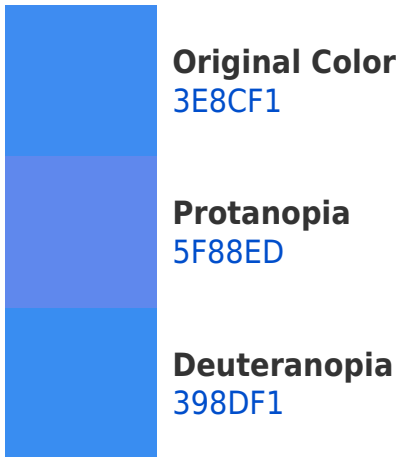


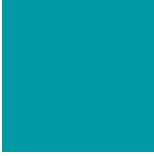
This preview shows how white text looks on a background with the Hex color 3E8CF1.

# 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](#).

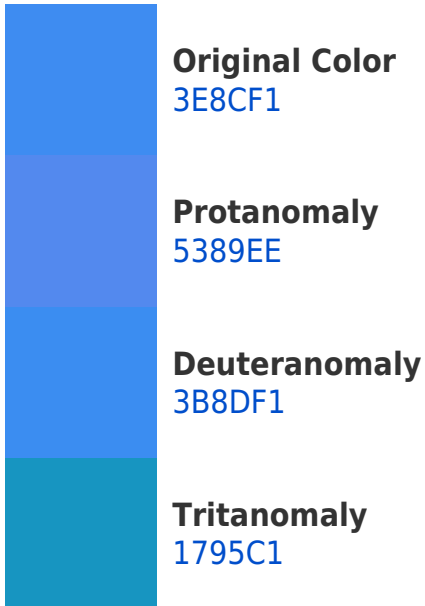
## Dichromacy





**Tritanopia**  
009AA6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3E8CF1 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 #3E8CF1 looks like.

```
.text, #text, p{  
    color:#3E8CF1  
}
```

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 #3E8CF1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3E8CF1  
}
```

## Border

The CSS property to change the border of an element to Hex 3E8CF1 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  
#3E8CF1 }
```

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

```
.border{ border-color:#3E8CF1 }
```

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

Here you see how a box with a 4 pixel #3E8CF1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3E8CF1; -webkit-box-shadow:4px 4px  
4px 4px #3E8CF1; box-shadow:4px 4px 4px  
4px #3E8CF1 }
```

# Background

The CSS property to change the background color of an element to Hex 3E8CF1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3E8CF1 }
```

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

```
.background{ background-color:#3E8CF1 }
```

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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