

# Converting Colors

Hex(3E73F7)

Have a look what the booklet for  
Hex(3E73F7) contains.

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**Color**

**Hex(3E73F7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3E73F7
RGB	62, 115, 247
RGB Percent	24%, 45%, 97%
CMY	0.7569, 0.5490, 0.0314
CMYK	0.75, 0.53, 0.00, 0.03
HSL	223°, 92%, 61%
HSV	223°, 75%, 97%
XYZ	24.9058, 20.0010, 90.5436
YIQ	114.2010, -73.9600, 29.8160

# Conversions

## Conversions Part 2

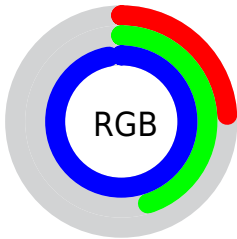
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	62, 103, 247
Decimal	4092919
CIE <sub>Lab</sub>	51.84, 27.55, -71.11
CIE <sub>LCh</sub>	52, 76.262, 291.177
Yxy	20.0010, 0.1839, 0.1477
Android (android.graphics.Color)	4282282999 (0xFF3E73F7)
YUV	114.2010, 65.4699, -45.7803
Hunter-Lab	44.7225, 21.1419, -88.7308

# Details

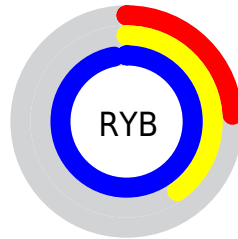
The Hex color **3E73F7** is a dark color, and the websafe version is hex **0066FF**. The color can be described as middle washed azure. A complement of this color would be **F7C23E**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **85A6FF**, and **0044BE** is the 20% darker color. If you saturate the color by 10%, you get **2561F7**, and if you desaturate by 10%, it is **5785F7**.

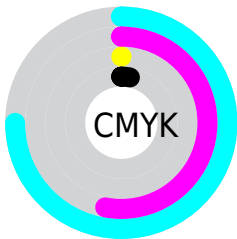
# Distribution



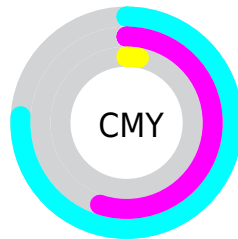
- Red (24%)
- Green (45%)
- Blue (97%)



- Red (24%)
- Yellow (40%)
- Blue (97%)



- Cyan (75%)
- Magenta (53%)
- Yellow (0%)
- Black (3%)



- Cyan (76%)
- Magenta (55%)
- Yellow (3%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3E73F7 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 3E73F7 by changing the saturation by 10% instead.



 3E73F7

 3E73F7

FFFFFF

 005BDA

 85A6FF

 0044BE

 A5C1FF

 002FA2

 C4DDFF

 001C87

 E3FAFF

 00056D

 000B53

 00063B

 000225

 00010D

■ 3E73F7

■ 3E73F7

■ 2561F7

■ 5785F7

■ 0D50F7

■ 6F96F7

■ 0047F7

■ 88A8F7

■ A1B9F7

■ BACBF7

■ D2DDF7

■ EBEEF7

■ FFFFF7

# Harmonies

## Analogous

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



008AFE



3E73F7



B550CF

# Triad

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



3E73F7



D3530B



009665

# Complementary

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



3E73F7



F7C23E

# 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.



00911D



3E73F7



A67200

# Square

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



3E73F7



EB2C51



6A8600



0098A9

# Rectangle

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



3E73F7



D934A7



6A8600



00954E



# Sweetspot

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



3E73F7



C7D7FF



3EF7C0



5E6880



000000



808080



# Same Dimension

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



3E73F7



195BFF



633EF7



6E727A



0035BA



00113B



# Inverse Universe

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



F73E73



FF195B



D2F73E



7A6E72



BA0035



3B0011



# Previews

## White Background



This preview shows how the Hex color 3E73F7 looks on a white background.

## Color Contrast Check

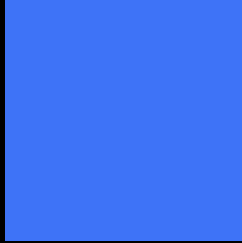
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color 3E73F7 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

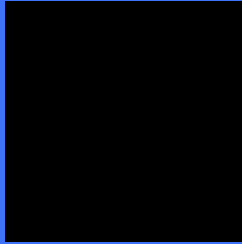
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

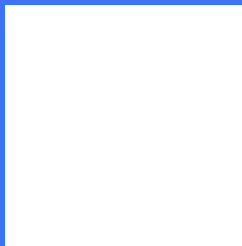
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 3E73F7 Background



This preview shows how black text looks on a background with the Hex color 3E73F7.

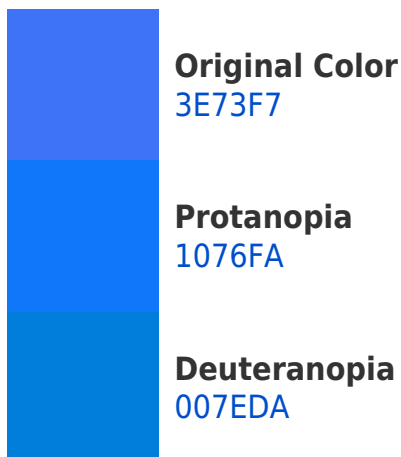


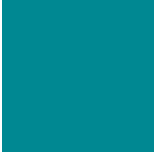
This preview shows how white text looks on a background with the Hex color 3E73F7.

# 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](#).

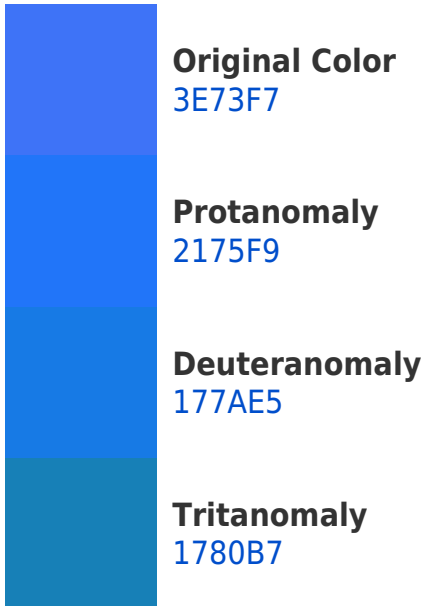
## Dichromacy



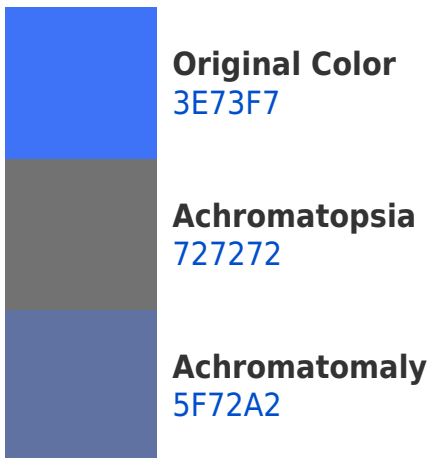


**Tritanopia**  
008892

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3E73F7 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 #3E73F7 looks like.

```
.text, #text, p{  
    color:#3E73F7  
}
```

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 #3E73F7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3E73F7
}
```

## Border

The CSS property to change the border of an element to Hex 3E73F7 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
#3E73F7 }
```

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

```
.border{ border-color:#3E73F7 }
```

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

Here you see how a box with a 4 pixel #3E73F7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3E73F7; -webkit-box-shadow:4px 4px  
4px 4px #3E73F7; box-shadow:4px 4px 4px  
4px #3E73F7 }
```

# Background

The CSS property to change the background color of an element to Hex 3E73F7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3E73F7 }
```

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

```
.background{ background-color:#3E73F7 }
```

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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