

# Converting Colors

Hex(3E53FA)

Have a look what the booklet for  
Hex(3E53FA) contains.

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# Color

Hex(3E53FA)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	3E53FA
RGB	62, 83, 250
RGB Percent	24%, 33%, 98%
CMY	0.7569, 0.6745, 0.0196
CMYK	0.75, 0.67, 0.00, 0.02
HSL	233°, 95%, 61%
HSV	233°, 75%, 98%
XYZ	22.3352, 14.1128, 91.9893
YIQ	95.7590, -66.1230, 47.4850

# Conversions

## Conversions Part 2

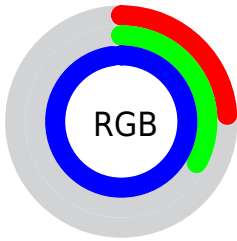
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	62, 81, 250
Decimal	4084730
CIE Lab	44.39, 48.23, -84.94
CIE LCh	44, 97.678, 299.586
Yxy	14.1128, 0.1739, 0.1099
Android (android.graphics.Color)	4282274810 (0xFF3E53FA)
YUV	95.7590, 76.0408, -29.6066
Hunter-Lab	37.5670, 40.3837, -118.8851

# Details

The Hex color **3E53FA** is a dark color, and the websafe version is hex **6666FF**. The color can be described as dark washed blue. A complement of this color would be **FAE53E**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **8885FF**, and **0026C0** is the 20% darker color. If you saturate the color by 10%, you get **253DFA**, and if you desaturate by 10%, it is **5769FA**.

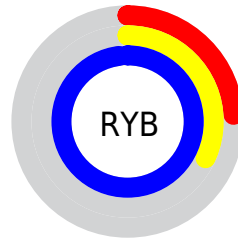
# Distribution



Red (24%)

Green (33%)

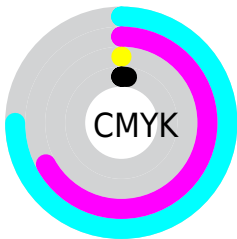
Blue (98%)



Red (24%)

Yellow (32%)

Blue (98%)

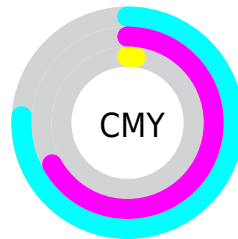


Cyan (75%)

Magenta (67%)

Yellow (0%)

Black (2%)



Cyan (76%)

Magenta (67%)

Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3E53FA 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 3E53FA by changing the saturation by 10% instead.



 3E53FA

 3E53FA

FFFFFF

 003CDD

 8885FF

 0026C0

 A89FFF

 0012A4

 C8BAFF

 000189

 E8D6FF

 00026E

 FFF3FF

 000C55

 00063D

 000226

 00010F

■ 3E53FA

■ 3E53FA

■ 253DFA

■ 5769FA

■ 0C27FA

■ 707FFA

■ 001CFA

■ 8996FA

■ A2ACFA

■ BBC2FA

■ D4D8FA

■ EDEEFA

■ FFFFFA

# Harmonies

## Analogous

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



0076FF



3E53FA



C300BD

# Triad

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



3E53FA



BE3C00



008666

# Complementary

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



3E53FA



FAE53E

# 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.



008300



3E53FA



816600

# Square

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



3E53FA



E5001F



257A00



0088B9

# Rectangle

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



3E53FA



E40089



257A00



008549



# Sweetspot

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



3E53FA



C4CBFF



3EFAE4



5C6080



000000



808080



# Same Dimension

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



3E53FA



1933FF



863EFA



70727D



0015BD



00073D



# Inverse Universe

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



FA3E53



FF1933



B2FA3E



7D7072



BD0015



3D0007



# Previews

## White Background



This preview shows how the Hex color 3E53FA looks on a white 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

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

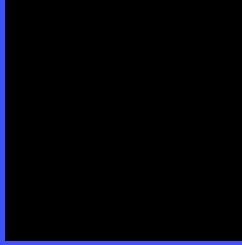
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 3E53FA Background



This preview shows how black text looks on a background with the Hex color 3E53FA.

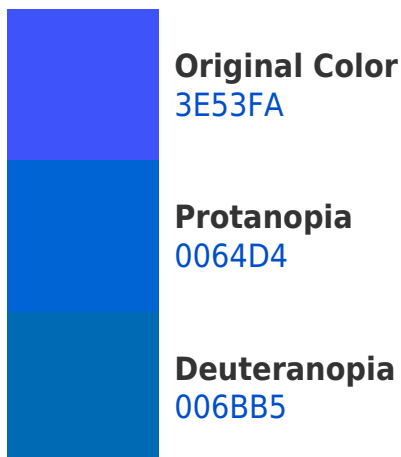


This preview shows how white text looks on a background with the Hex color 3E53FA.

# 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](#).

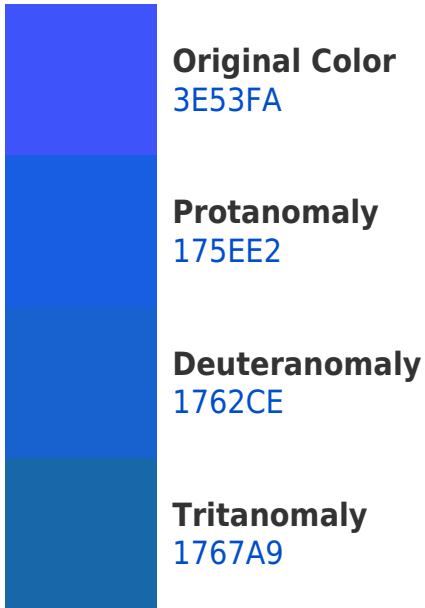
## Dichromacy





**Tritanopia**  
00737B

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3E53FA 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 #3E53FA looks like.

```
.text, #text, p{  
    color:#3E53FA  
}
```

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 #3E53FA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3E53FA
}
```

## Border

The CSS property to change the border of an element to Hex 3E53FA is called "border". The border property can be set on classes, ids or directly on the HTML element.

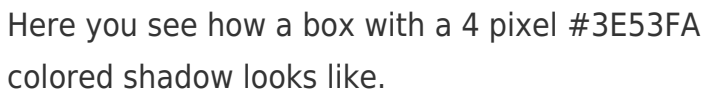
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3E53FA }
```

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

```
.border{ border-color:#3E53FA }
```

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



Here you see how a box with a 4 pixel `#3E53FA` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3E53FA; -webkit-box-shadow:4px 4px  
4px 4px #3E53FA; box-shadow:4px 4px 4px  
4px #3E53FA }
```

# Background

The CSS property to change the background color of an element to Hex 3E53FA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3E53FA }
```

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

```
.background{ background-color:#3E53FA }
```

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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