

# Converting Colors

Hex(3B5DEE)

Have a look what the booklet for  
Hex(3B5DEE) contains.

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# Color

**Hex(3B5DEE)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	3B5DEE
RGB	59, 93, 238
RGB Percent	23%, 36%, 93%
CMY	0.7686, 0.6353, 0.0667
CMYK	0.75, 0.61, 0.00, 0.07
HSL	229°, 84%, 58%
HSV	229°, 75%, 93%
XYZ	21.1506, 14.9316, 82.6562
YIQ	99.3640, -66.8090, 37.8870

# Conversions

## Conversions Part 2

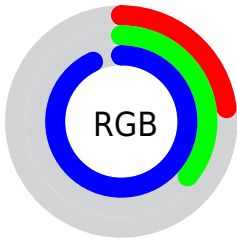
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	59, 88, 238
Decimal	3890670
CIE Lab	45.54, 37.73, -76.34
CIE LCh	46, 85.158, 296.301
Yxy	14.9316, 0.1781, 0.1258
Android (android.graphics.Color)	4282080750 (0xFF3B5DEE)
YUV	99.3640, 68.3475, -35.3992
Hunter-Lab	38.6414, 30.0807, -99.7760

# Details

The Hex color **3B5DEE** is a dark color, and the websafe version is hex **3366FF**. The color can be described as dark washed blue. A complement of this color would be **EECC3B**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **838FFF**, and **0030B5** is the 20% darker color. If you saturate the color by 10%, you get **234AEE**, and if you desaturate by 10%, it is **5370EE**.

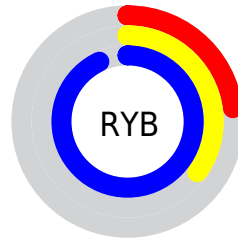
# Distribution



Red (23%)

Green (36%)

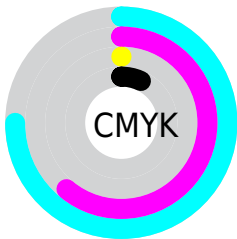
Blue (93%)



Red (23%)

Yellow (35%)

Blue (93%)

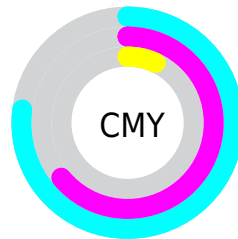


Cyan (75%)

Magenta (61%)

Yellow (0%)

Black (7%)



Cyan (77%)

Magenta (64%)

Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3B5DEE 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 3B5DEE by changing the saturation by 10% instead.



 3B5DEE

 3B5DEE

FFFFFF

 0046D1

 838FFF

 0030B5

 A3A9FF

 001C99

 C2C5FF

 000B7E

 E1E1FF

 000264

 FFFDFD

 00094B

 000434

 00021E

 000000

■ 3B5DEE

■ 3B5DEE

■ 234AEE

■ 5370EE

■ 0B36EE

■ 6B84EE

■ 002DEE

■ 8297EE

■ 9AAAEE

■ B2BDEE

■ CAD1EE

■ E2E4EE

■ F9F7EE

■ FFFFEE

# Harmonies

## Analogous

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



0079FD



3B5DEE



B527BC

# Triad

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



3B5DEE



BF4300



008761

# Complementary

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



3B5DEE



EECC3B

# 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.



008307



3B5DEE



8B6600

# Square

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



3B5DEE



DE0032



457A00



0088AA

# Rectangle

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



3B5DEE



D60090



457A00



008647



# Sweetspot

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



3B5DEE



C4CFFF



3BEECA



5C6380



000000



808080



# Same Dimension

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



3B5DEE



1945FF



713BEE



6C6E78



0023B8



000B38



# Inverse Universe

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



EE3B5D



FF1945



B8EE3B



786C6E



B80023

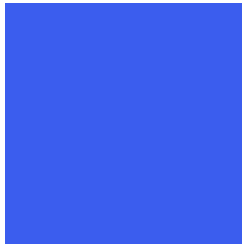


38000B



# Previews

## White Background



This preview shows how the Hex color 3B5DEE looks on a white background.

## Color Contrast Check

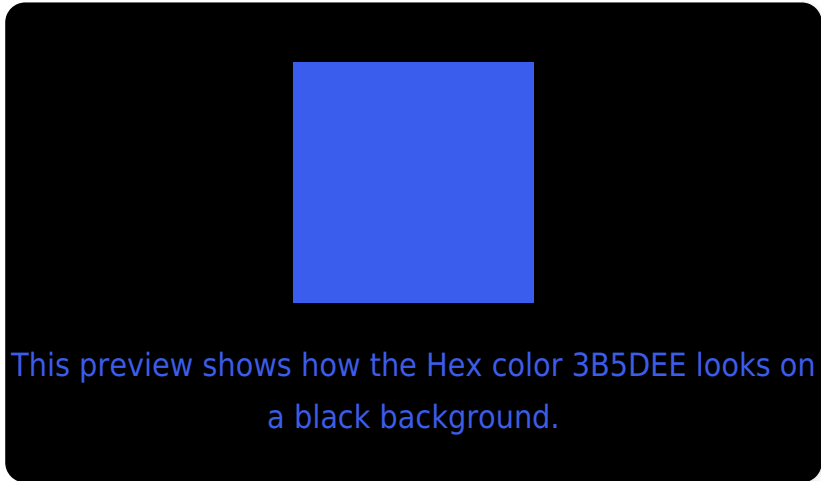
Large Text (above 18pt) WCAG AA ✓ Pass

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

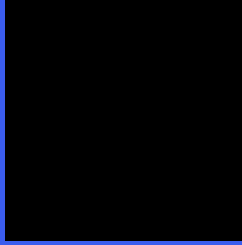
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 3B5DEE Background



This preview shows how black text looks on a background with the Hex color 3B5DEE.

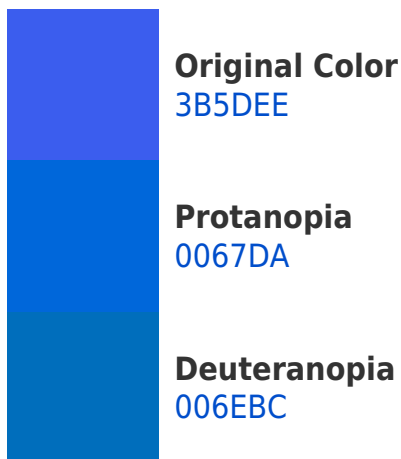


This preview shows how white text looks on a background with the Hex color 3B5DEE.

# 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](#).

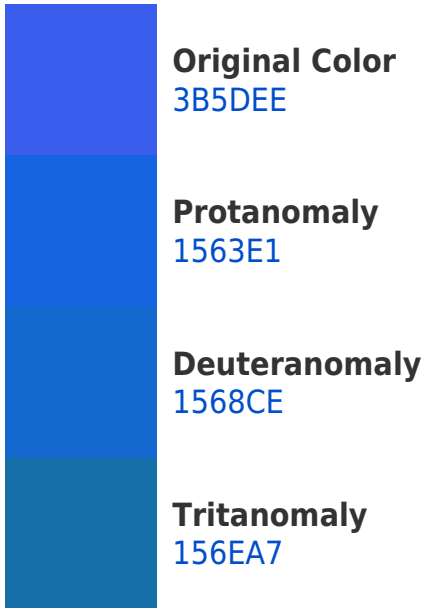
## Dichromacy



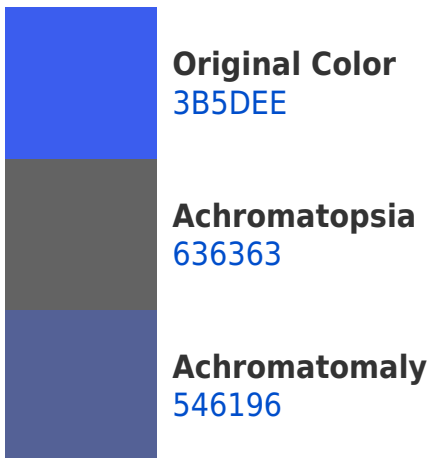


**Tritanopia**  
00777F

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3B5DEE 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 #3B5DEE looks like.

```
.text, #text, p{  
    color:#3B5DEE  
}
```

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 #3B5DEE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3B5DEE
}
```

## Border

The CSS property to change the border of an element to Hex 3B5DEE 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
#3B5DEE }
```

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

```
.border{ border-color:#3B5DEE }
```

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

Here you see how a box with a 4 pixel #3B5DEE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3B5DEE; -webkit-box-shadow:4px 4px  
4px 4px #3B5DEE; box-shadow:4px 4px 4px  
4px #3B5DEE }
```

# Background

The CSS property to change the background color of an element to Hex 3B5DEE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3B5DEE }
```

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

```
.background{ background-color:#3B5DEE }
```

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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