

# Converting Colors

Hex(3657F0)

Have a look what the booklet for  
Hex(3657F0) contains.

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# Color

**Hex(3657F0)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	3657F0
RGB	54, 87, 240
RGB Percent	21%, 34%, 94%
CMY	0.7882, 0.6588, 0.0588
CMYK	0.78, 0.64, 0.00, 0.06
HSL	229°, 86%, 58%
HSV	229°, 78%, 94%
XYZ	20.6577, 13.8919, 84.0307
YIQ	94.5750, -68.7810, 40.5870

# Conversions

## Conversions Part 2

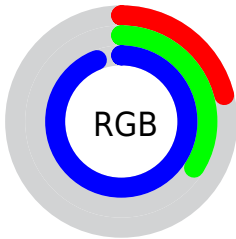
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	54, 82, 240
Decimal	3561456
CIE <sub>Lab</sub>	44.08, 41.67, -79.87
CIE <sub>LCh</sub>	44, 90.084, 297.549
Yxy	13.8919, 0.1742, 0.1172
Android (android.graphics.Color)	4281751536 (0xFF3657F0)
YUV	94.5750, 71.6945, -35.5843
Hunter-Lab	37.2719, 33.7067, -107.5810

# Details

The Hex color **3657F0** 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 **F0CF36**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **8189FF**, and **002AB7** is the 20% darker color. If you saturate the color by 10%, you get **1E43F0**, and if you desaturate by 10%, it is **4E6BF0**.

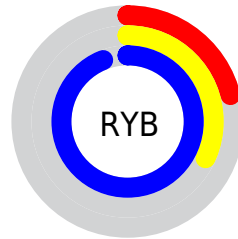
# Distribution



Red (21%)

Green (34%)

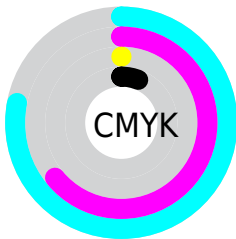
Blue (94%)



Red (21%)

Yellow (32%)

Blue (94%)

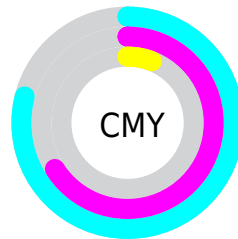


Cyan (78%)

Magenta (64%)

Yellow (0%)

Black (6%)



Cyan (79%)

Magenta (66%)

Yellow (6%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3657F0 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 3657F0 by changing the saturation by 10% instead.



 3657F0

 3657F0

FFFFFF

 0040D3

 8189FF

 002AB7

 A1A3FF

 00179B

 C0BEFF

 000580

 E0DAFF

 000566

 FFF6FF

 000A4D

 000535

 00021F

 000002

■ 3657F0

■ 3657F0

■ 1E43F0

■ 4E6BF0

■ 0630F0

■ 667EF0

■ 002BF0

■ 7E92F0

■ 96A6F0

■ AEBAF0

■ C6CDF0

■ DEE1F0

■ F6F5F0

■ FFFFF0

# Harmonies

## Analogous

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



0075FF



3657F0



B70BBA

# Triad

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



3657F0



BC3D00



008460

# Complementary

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



3657F0



F0CF36

# 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.



008000



3657F0



856400

# Square

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



3657F0



DE0029



387700



0085AC

# Rectangle

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



3657F0



D8008B



387700



008345



# Sweetspot

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



3657F0



C4CFFF



36F0CE



5C6280



000000



808080



# Same Dimension

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



3657F0



123CFF



7136F0



6C6E78



0021B8



000A38



# Inverse Universe

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



F03657



FF123C



B5F036



786C6E



B80021



38000A



# Previews

## White Background



This preview shows how the Hex color 3657F0 looks on a white background.

## Color Contrast Check

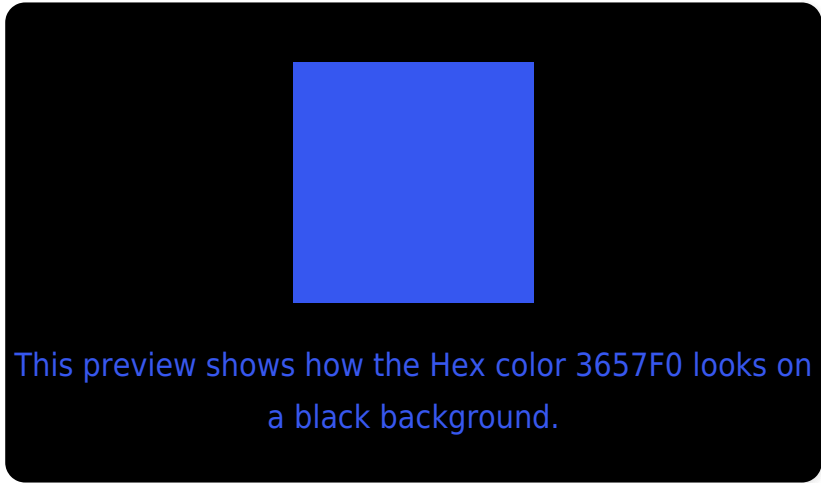
Large Text (above 18pt) WCAG AA ✓ Pass

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

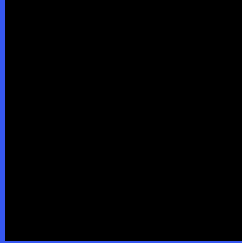
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 3657F0 Background



This preview shows how black text looks on a background with the Hex color 3657F0.

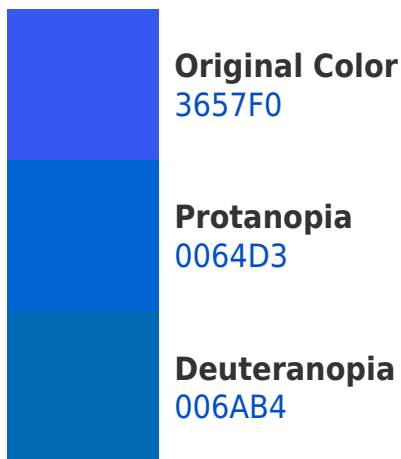


This preview shows how white text looks on a background with the Hex color 3657F0.

# 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](#).

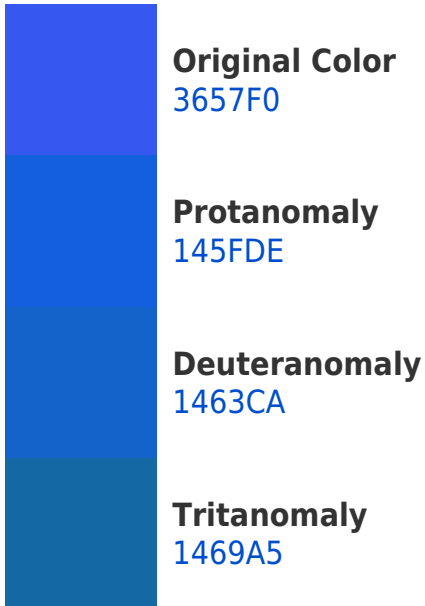
## Dichromacy



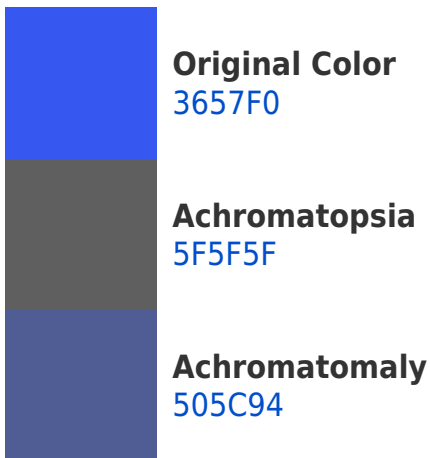


**Tritanopia**  
00737A

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3657F0 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 #3657F0 looks like.

```
.text, #text, p{  
    color:#3657F0  
}
```

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 #3657F0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3657F0
}
```

## Border

The CSS property to change the border of an element to Hex 3657F0 is called "border". The border property can be set on classes, ids or directly on the HTML element.

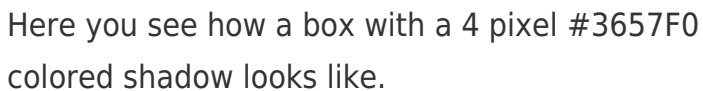
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3657F0 }
```

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

```
.border{ border-color:#3657F0 }
```

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



Here you see how a box with a 4 pixel #3657F0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3657F0; -webkit-box-shadow:4px 4px  
4px 4px #3657F0; box-shadow:4px 4px 4px  
4px #3657F0 }
```

# Background

The CSS property to change the background color of an element to Hex 3657F0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3657F0 }
```

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

```
.background{ background-color:#3657F0 }
```

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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