

# Converting Colors

Hex(3B65F5)

Have a look what the booklet for  
Hex(3B65F5) contains.

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# Color

Hex(3B65F5)

# Conversions

## Conversions Part 1

Format	Color
Hex	3B65F5
RGB	59, 101, 245
RGB Percent	23%, 40%, 96%
CMY	0.7686, 0.6039, 0.0392
CMYK	0.76, 0.59, 0.00, 0.04
HSL	226°, 90%, 60%
HSV	226°, 76%, 96%
XYZ	22.9387, 16.8297, 88.4257
YIQ	104.8580, -71.2560, 35.8800

# Conversions

## Conversions Part 2

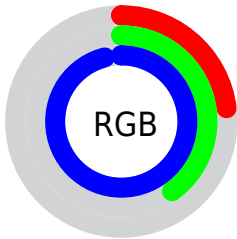
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	59, 93, 245
Decimal	3892725
CIE <sub>Lab</sub>	48.04, 35.25, -76.17
CIE <sub>LCh</sub>	48, 83.933, 294.830
Yxy	16.8297, 0.1789, 0.1313
Android (android.graphics.Color)	4282082805 (0xFF3B65F5)
YUV	104.8580, 69.0900, -40.2175
Hunter-Lab	41.0241, 28.0168, -99.0803

# Details

The Hex color **3B65F5** is a dark color, and the websafe version is hex **3366FF**. The color can be described as middle washed azure. A complement of this color would be **F5CB3B**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **8497FF**, and **0037BC** is the 20% darker color. If you saturate the color by 10%, you get **2252F5**, and if you desaturate by 10%, it is **5478F5**.

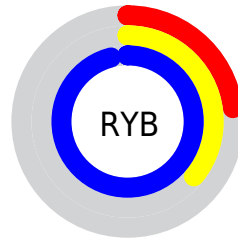
# Distribution



Red (23%)

Green (40%)

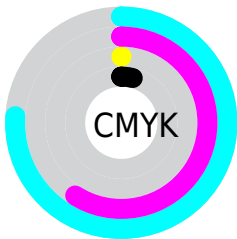
Blue (96%)



Red (23%)

Yellow (36%)

Blue (96%)

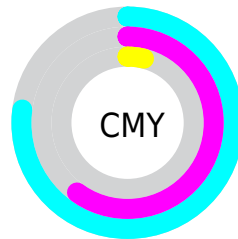


Cyan (76%)

Magenta (59%)

Yellow (0%)

Black (4%)



Cyan (77%)

Magenta (60%)

Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3B65F5 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 3B65F5 by changing the saturation by 10% instead.



 3B65F5

 3B65F5

FFFFFF

 004DD8

 8497FF

 0037BC

 A4B2FF

 0023A0

 C3CEFF

 001285

 E2EAF5

 00006B

 000B51

 000539

 000223

 000009

■ 3B65F5

■ 3B65F5

■ 2252F5

■ 5478F5

■ 0A3FF5

■ 6C8BF5

■ 0037F5

■ 849EF5

■ 9DB1F5

■ B6C4F5

■ CED7F5

■ E7EAF5

■ FFFDF5

■ FFFFF5

# Harmonies

## Analogous

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



0080FF



3B65F5



B836C5

# Triad

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



3B65F5



C84800



008E63

# Complementary

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



3B65F5



F5CB3B

# 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.



00890D



3B65F5



966B00

# Square

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



3B65F5



E6003C



517F00



008FAC

# Rectangle

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



3B65F5



DB0099



517F00



008D4A



# Sweetspot

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



3B65F5



C4D2FF



3BF5CA



5C6480



000000



808080



# Same Dimension

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



3B65F5



174BFF



6D3BF5



6E717A



002ABA



000D3B



# Inverse Universe

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



F53B65



FF174B



C3F53B



7A6E71



BA002A



3B000D



# Previews

## White Background



This preview shows how the Hex color 3B65F5 looks on a white background.

## Color Contrast Check

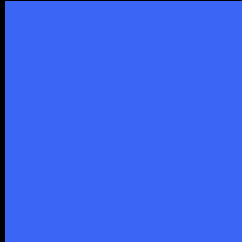
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color 3B65F5 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

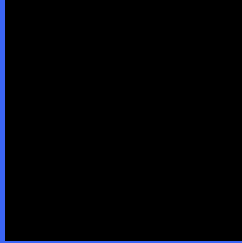
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 3B65F5 Background



This preview shows how black text looks on a background with the Hex color 3B65F5.



This preview shows how white text looks on a background with the Hex color 3B65F5.

# 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](#).

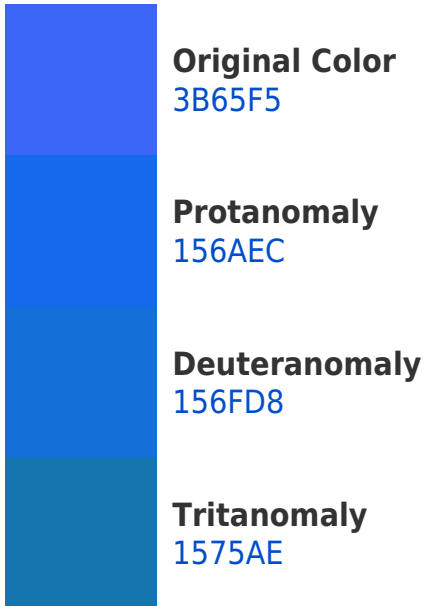
## Dichromacy





**Tritanopia**  
007E86

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3B65F5 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 #3B65F5 looks like.

```
.text, #text, p{  
    color:#3B65F5  
}
```

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 #3B65F5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3B65F5
}
```

## Border

The CSS property to change the border of an element to Hex 3B65F5 is called "border". The border property can be set on classes, ids or directly on the HTML element.

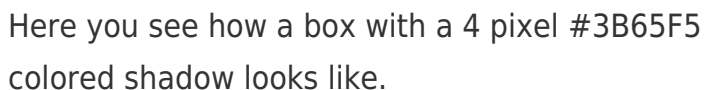
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3B65F5 }
```

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

```
.border{ border-color:#3B65F5 }
```

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



Here you see how a box with a 4 pixel #3B65F5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3B65F5; -webkit-box-shadow:4px 4px  
4px 4px #3B65F5; box-shadow:4px 4px 4px  
4px #3B65F5 }
```

# Background

The CSS property to change the background color of an element to Hex 3B65F5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3B65F5 }
```

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

```
.background{ background-color:#3B65F5 }
```

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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