

# Converting Colors

Hex(3753F5)

Have a look what the booklet for  
Hex(3753F5) contains.

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# Color

Hex(3753F5)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	3753F5
RGB	55, 83, 245
RGB Percent	22%, 33%, 96%
CMY	0.7843, 0.6745, 0.0392
CMYK	0.78, 0.66, 0.00, 0.04
HSL	231°, 90%, 59%
HSV	231°, 78%, 96%
XYZ	21.1502, 13.5913, 87.8948
YIQ	93.0960, -68.6900, 44.4460

# Conversions

## Conversions Part 2

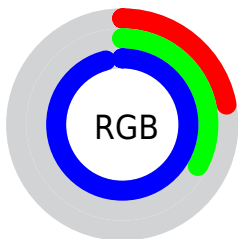
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	55, 79, 245
Decimal	3625973
CIE <sub>Lab</sub>	43.64, 45.92, -83.39
CIE <sub>LCh</sub>	44, 95.198, 298.838
Yxy	13.5913, 0.1725, 0.1108
Android (android.graphics.Color)	4281816053 (0xFF3753F5)
<b>YUV</b>	93.0960, 74.8887, -33.4102
Hunter-Lab	36.8664, 37.8892, -115.5495

# Details

The Hex color **3753F5** 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 **F5D937**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **8385FF**, and **0026BB** is the 20% darker color. If you saturate the color by 10%, you get **1E3EF5**, and if you desaturate by 10%, it is **5068F5**.

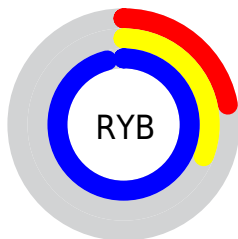
# Distribution



Red (22%)

Green (33%)

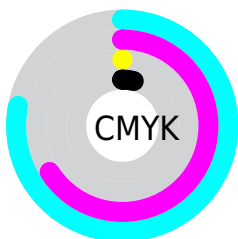
Blue (96%)



Red (22%)

Yellow (31%)

Blue (96%)

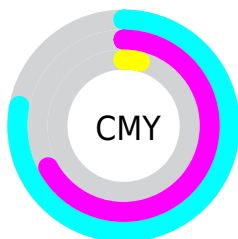


Cyan (78%)

Magenta (66%)

Yellow (0%)

Black (4%)



Cyan (78%)

Magenta (67%)

Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3753F5 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 3753F5 by changing the saturation by 10% instead.



 3753F5

 3753F5

FFFFFF

 003CD8

 8385FF

 0026BB

 A39FFF

 00139F

 C3BAFF

 000184

 E3D6FF

 00046A

 FFF2FF

 000B51

 000539

 000222

 000008

■ 3753F5

■ 3753F5

■ 1E3EF5

■ 5068F5

■ 0629F5

■ 687DF5

■ 0024F5

■ 8192F5

■ 99A7F5

■ B2BBF5

■ CAD0F5

■ E3E5F5

■ FBFAF5

■ FFFFF5

# Harmonies

## Analogous

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



0075FF



3753F5



BD00BB

# Triad

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



3753F5



BB3B00



008462

# Complementary

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



3753F5



F5D937

# 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



3753F5



816400

# Square

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



3753F5



E10021



2A7700



0085B2

# Rectangle

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



3753F5



DE0088



2A7700



008346



# Sweetspot

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



3753F5



C4CDFF



37F5D8



5C6180



000000



808080



# Same Dimension

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



3753F5



1235FF



7937F5



6E707A



001BBA



00093B



# Inverse Universe

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



F53753



FF1235



B3F537



7A6E70



BA001B

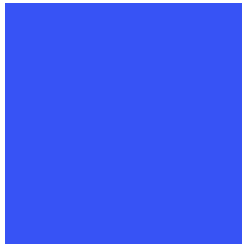


3B0009



# Previews

## White Background



This preview shows how the Hex color 3753F5 looks on a white background.

## Color Contrast Check

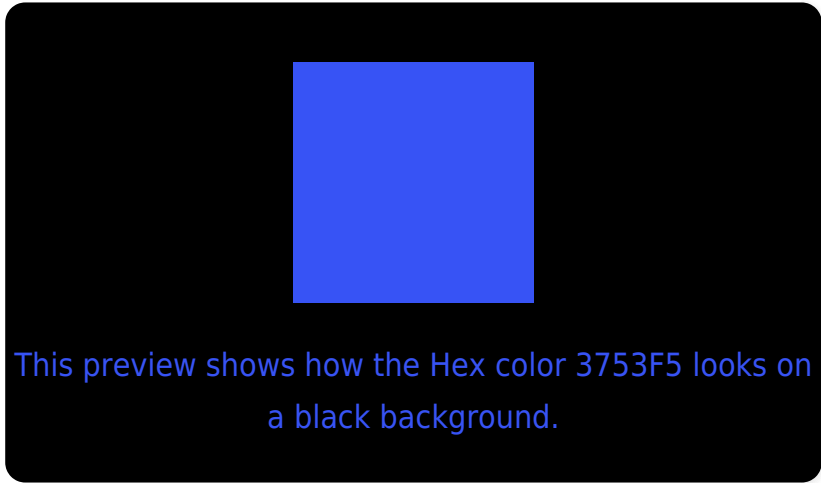
Large Text (above 18pt) WCAG AA ✓ Pass

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

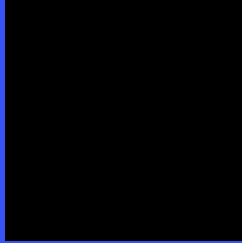
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 3753F5 Background



This preview shows how black text looks on a background with the Hex color 3753F5.

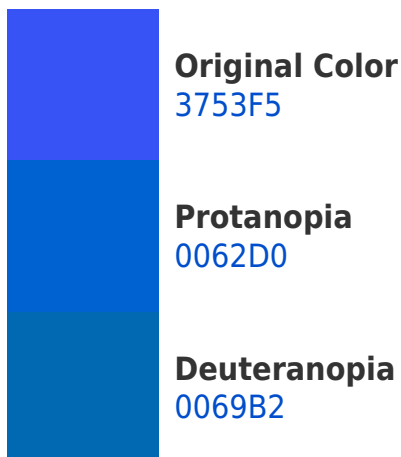


This preview shows how white text looks on a background with the Hex color 3753F5.

# 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](#).

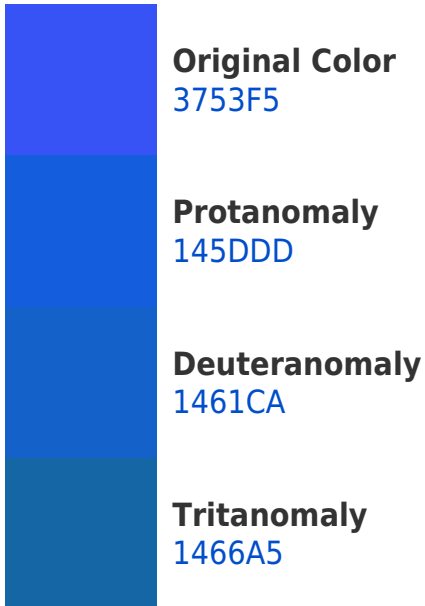
## Dichromacy





**Tritanopia**  
007178

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3753F5 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 #3753F5 looks like.

```
.text, #text, p{  
    color:#3753F5  
}
```

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 #3753F5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3753F5
}
```

## Border

The CSS property to change the border of an element to Hex 3753F5 is called "border". The border property can be set on classes, ids or directly on the HTML element.

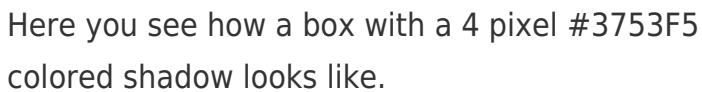
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3753F5 }
```

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

```
.border{ border-color:#3753F5 }
```

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



Here you see how a box with a 4 pixel #3753F5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3753F5; -webkit-box-shadow:4px 4px  
4px 4px #3753F5; box-shadow:4px 4px 4px  
4px #3753F5 }
```

# Background

The CSS property to change the background color of an element to Hex 3753F5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3753F5 }
```

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

```
.background{ background-color:#3753F5 }
```

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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