

# Converting Colors

Hex(3761FA)

Have a look what the booklet for  
Hex(3761FA) contains.

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**Color**

**Hex(3761FA)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	3761FA
RGB	55, 97, 250
RGB Percent	22%, 38%, 98%
CMY	0.7843, 0.6196, 0.0196
CMYK	0.78, 0.61, 0.00, 0.02
HSL	227°, 95%, 60%
HSV	227°, 78%, 98%
XYZ	23.1056, 16.2637, 92.3639
YIQ	101.8840, -74.1450, 38.6790

# Conversions

## Conversions Part 2

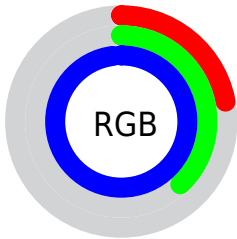
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	55, 90, 250
Decimal	3629562
CIE <sub>Lab</sub>	47.32, 39.13, -80.16
CIE <sub>LCh</sub>	47, 89.197, 296.020
Yxy	16.2637, 0.1754, 0.1235
Android (android.graphics.Color)	4281819642 (0xFF3761FA)
YUV	101.8840, 73.0212, -41.1173
Hunter-Lab	40.3283, 31.6945, -107.5620

# Details

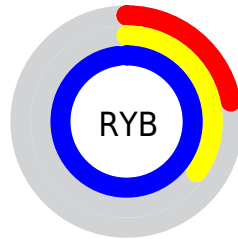
The Hex color **3761FA** is a dark color, and the websafe version is hex **3366FF**. The color can be described as middle washed azure. A complement of this color would be **FAD037**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **8393FF**, and **0034C0** is the 20% darker color. If you saturate the color by 10%, you get **1E4DFA**, and if you desaturate by 10%, it is **5075FA**.

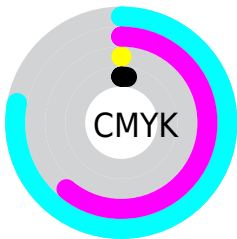
# Distribution



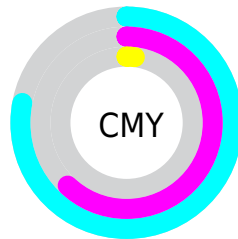
- Red (22%)
- Green (38%)
- Blue (98%)



- Red (22%)
- Yellow (35%)
- Blue (98%)



- Cyan (78%)
- Magenta (61%)
- Yellow (0%)
- Black (2%)



- Cyan (78%)
- Magenta (62%)
- Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3761FA 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 3761FA by changing the saturation by 10% instead.



 3761FA

 3761FA

FFFFFF

 004ADD

 8393FF

 0034C0

 A3AEFF

 0020A4

 C3C9FF

 001089

 E3E5FF

 00006F

 000C55

 00063D

 000326

 00010F

■ 3761FA

■ 3761FA

■ 1E4DFA

■ 5075FA

■ 053AFA

■ 6988FA

■ 0036FA

■ 829CFA

■ 9BAFFA

■ B4C3FA

■ CDD7FA

■ E6EAFA

■ FFFEFA

■ FFFFFA

# Harmonies

## Analogous

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



007EFF



3761FA



BC27C6

# Triad

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



3761FA



C84400



008D64

# Complementary

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



3761FA



FAD037

# 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.



008901



3761FA



926A00

# Square

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



3761FA



E90034



487F00



008EB1

# Rectangle

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



3761FA



E00097



487F00



008C49



# Sweetspot

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



3761FA



C4D1FF



37FAD0



5C6380



000000



808080



# Same Dimension

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



3761FA



0F43FF



6E37FA



70737D



0029BD



000D3D



# Inverse Universe

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



FA3761



FF0F43



C3FA37



7D7073



BD0029



3D000D



# Previews

## White Background



This preview shows how the Hex color 3761FA looks on a white background.

## Color Contrast Check

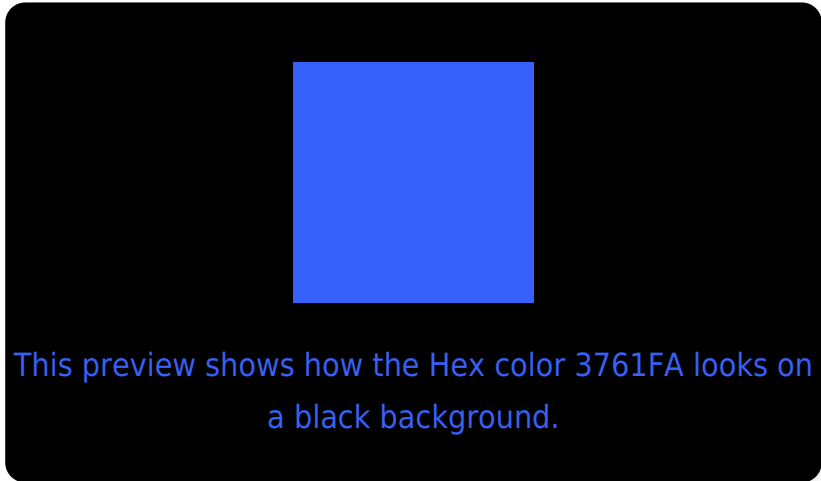
Large Text (above 18pt) WCAG AA ✓ Pass

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

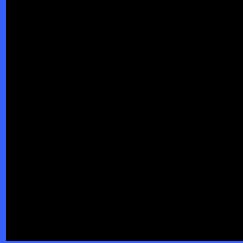
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 3761FA Background



This preview shows how black text looks on a background with the Hex color 3761FA.

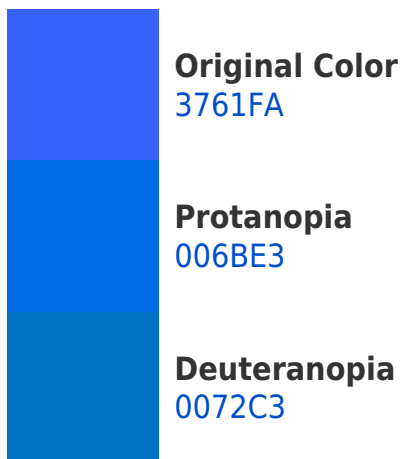


This preview shows how white text looks on a background with the Hex color 3761FA.

# 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](#).

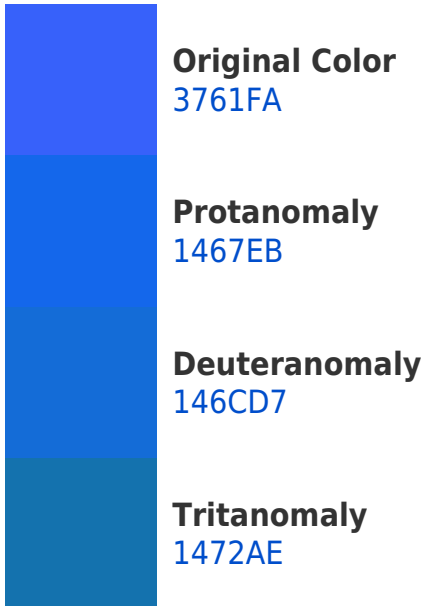
## Dichromacy





**Tritanopia**  
007C83

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3761FA 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 #3761FA looks like.

```
.text, #text, p{  
    color:#3761FA  
}
```

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 #3761FA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3761FA
}
```

## Border

The CSS property to change the border of an element to Hex 3761FA 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
#3761FA }
```

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

```
.border{ border-color:#3761FA }
```

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

Here you see how a box with a 4 pixel #3761FA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3761FA; -webkit-box-shadow:4px 4px  
4px 4px #3761FA; box-shadow:4px 4px 4px  
4px #3761FA }
```

# Background

The CSS property to change the background color of an element to Hex 3761FA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3761FA }
```

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

```
.background{ background-color:#3761FA }
```

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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