

# Converting Colors

Hex(3F66F4)

Have a look what the booklet for  
Hex(3F66F4) contains.

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# Color

**Hex(3F66F4)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	3F66F4
RGB	63, 102, 244
RGB Percent	25%, 40%, 96%
CMY	0.7529, 0.6000, 0.0431
CMYK	0.74, 0.58, 0.00, 0.04
HSL	227°, 89%, 60%
HSV	227°, 74%, 96%
XYZ	23.1304, 17.0912, 87.6678
YIQ	106.5270, -68.8260, 35.8940

# Conversions

## Conversions Part 2

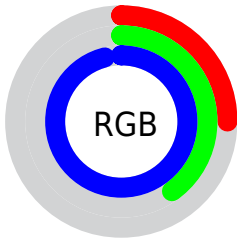
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	63, 95, 244
Decimal	4155124
CIE Lab	48.37, 34.69, -75.07
CIE LCh	48, 82.698, 294.801
Yxy	17.0912, 0.1809, 0.1336
Android (android.graphics.Color)	4282345204 (0xFF3F66F4)
YUV	106.5270, 67.7742, -38.1732
Hunter-Lab	41.3415, 27.5226, -96.7900

# Details

The Hex color **3F66F4** 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 **F4CD3F**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **8699FF**, and **0038BB** is the 20% darker color. If you saturate the color by 10%, you get **2753F4**, and if you desaturate by 10%, it is **5779F4**.

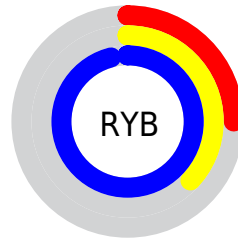
# Distribution



Red (25%)

Green (40%)

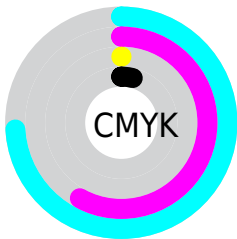
Blue (96%)



Red (25%)

Yellow (37%)

Blue (96%)

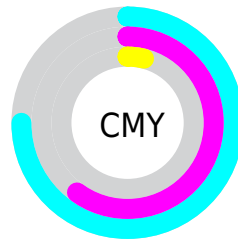


Cyan (74%)

Magenta (58%)

Yellow (0%)

Black (4%)



Cyan (75%)

Magenta (60%)

Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3F66F4 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 3F66F4 by changing the saturation by 10% instead.



 3F66F4

 3F66F4


FFFFFF

 004ED7

 8699FF

 0038BB

 A6B3FF

 00249F

 C5CFFF


 001384

 E4EBFF

 00006A

 000A50

 000538

 000222

 000008

 3F66F4

 3F66F4

 2753F4

 5779F4

 0E40F4

 708CF4

 0035F4

 889FF4

 A1B3F4

 B9C6F4

 D1D9F4

 EAECF4

 FFFFF4

# Harmonies

## Analogous

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



0080FF



3F66F4



B839C5

# Triad

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



3F66F4



C84A00



008E64

# Complementary

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



3F66F4



F4CD3F

# 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.



008A11



3F66F4



966C00

# Square

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



3F66F4



E5013E



538000



0090AC

# Rectangle

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



3F66F4



DA0099



538000



008D4B



# Sweetspot

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



3F66F4



C7D3FF



3FF4CD



5E6580



000000



808080



# Same Dimension

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



3F66F4



1C4DFF



723FF4



6E717A



0028BA



000D3B



# Inverse Universe

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



F43F66



FF1C4D



C1F43F



7A6E71



BA0028



3B000D



# Previews

## White Background



This preview shows how the Hex color 3F66F4 looks on a white background.

## Color Contrast Check

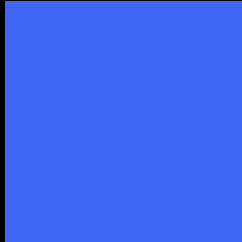
Large Text (above 18pt) WCAG AA ✓ Pass

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 3F66F4 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

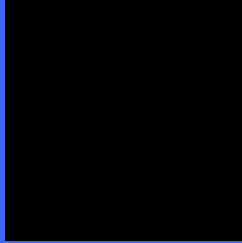
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 3F66F4 Background



This preview shows how black text looks on a background with the Hex color 3F66F4.

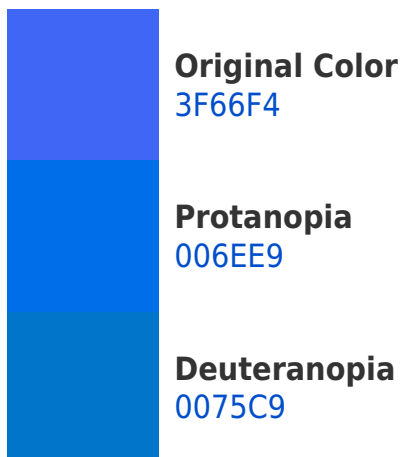


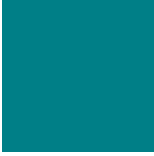
This preview shows how white text looks on a background with the Hex color 3F66F4.

# 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](#).

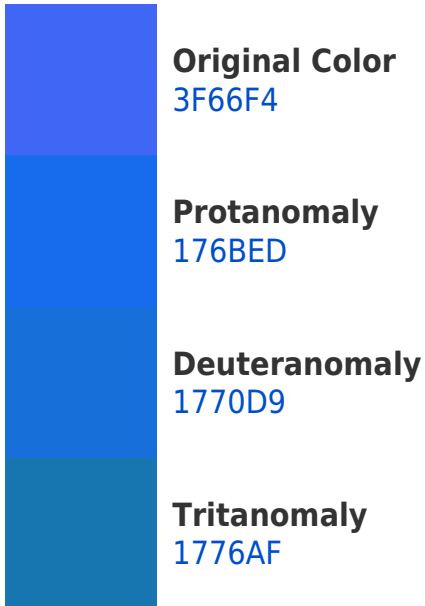
## Dichromacy





**Tritanopia**  
007F87

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3F66F4 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 #3F66F4 looks like.

```
.text, #text, p{  
    color:#3F66F4  
}
```

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 #3F66F4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3F66F4
}
```

## Border

The CSS property to change the border of an element to Hex 3F66F4 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
#3F66F4 }
```

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

```
.border{ border-color:#3F66F4 }
```

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

Here you see how a box with a 4 pixel #3F66F4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3F66F4; -webkit-box-shadow:4px 4px  
4px 4px #3F66F4; box-shadow:4px 4px 4px  
4px #3F66F4 }
```

# Background

The CSS property to change the background color of an element to Hex 3F66F4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3F66F4 }
```

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

```
.background{ background-color:#3F66F4 }
```

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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