

# Converting Colors

Hex(3674FC)

Have a look what the booklet for  
Hex(3674FC) contains.

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**Color**

**Hex(3674FC)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	3674FC
RGB	54, 116, 252
RGB Percent	21%, 45%, 99%
CMY	0.7882, 0.5451, 0.0118
CMYK	0.79, 0.54, 0.00, 0.01
HSL	221°, 97%, 60%
HSV	221°, 79%, 99%
XYZ	25.3374, 20.3033, 94.6790
YIQ	112.9660, -80.6080, 29.1520

# Conversions

## Conversions Part 2

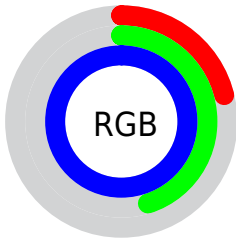
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	54, 101, 252
Decimal	3568892
CIE Lab	52.18, 27.92, -73.35
CIE LCh	52, 78.481, 290.841
Yxy	20.3033, 0.1806, 0.1447
Android (android.graphics.Color)	4281758972 (0xFF3674FC)
YUV	112.9660, 68.5438, -51.7132
Hunter-Lab	45.0592, 21.5193, -93.0394

# Details

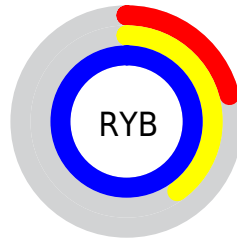
The Hex color **3674FC** is a dark color, and the websafe version is hex **0066FF**. The color can be described as middle washed azure. A complement of this color would be **FCBE36**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **82A7FF**, and **0045C2** is the 20% darker color. If you saturate the color by 10%, you get **1D63FC**, and if you desaturate by 10%, it is **4F85FC**.

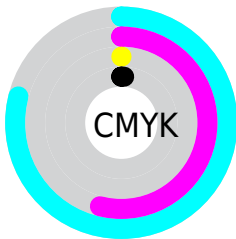
# Distribution



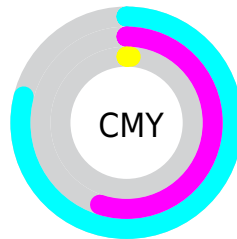
- Red (21%)
- Green (45%)
- Blue (99%)



- Red (21%)
- Yellow (40%)
- Blue (99%)



- Cyan (79%)
- Magenta (54%)
- Yellow (0%)
- Black (1%)



- Cyan (79%)
- Magenta (55%)
- Yellow (1%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3674FC 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 3674FC by changing the saturation by 10% instead.



 3674FC

 3674FC

FFFFFF

 005CDF

 82A7FF

 0045C2

 A2C2FF

 0030A6

 C2DEFF

 001D8B

 E1FBFF

 000771

 000C57

 00063F

 000328

 000112

■ 3674FC

■ 3674FC

■ 1D63FC

■ 4F85FC

■ 0451FC

■ 6897FC

■ 004FFC

■ 82A8FC

■ 9BB9FC

■ B4CBFC

■ CDDCFC

■ E6EDFC

FFFEFC

FFFFFC

# Harmonies

## Analogous

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



008BFF



3674FC



B74FD3

# Triad

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



3674FC



D65206



009865

# Complementary

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



3674FC



FCBE36

# 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.



009218



3674FC



A87200

# Square

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



3674FC



EF2751



6A8700



0099AB

# Rectangle

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



3674FC



DC31AA



6A8700



00964D



# Sweetspot

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



3674FC



C2D5FF



36FCBD



5B6680



000000



808080



# Same Dimension

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



3674FC



0F5AFF



5A36FC



70747D



003BBD



00133D



# Inverse Universe

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



FC3674



FF0F5A



D8FC36



7D7074



BD003B



3D0013



# Previews

## White Background



This preview shows how the Hex color 3674FC looks on a white background.

## Color Contrast Check

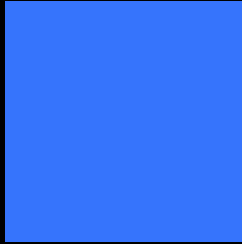
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color 3674FC looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

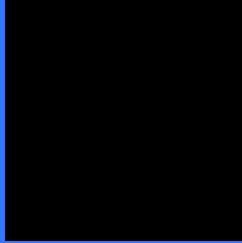
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

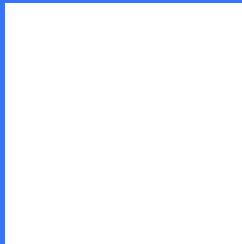
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 3674FC Background



This preview shows how black text looks on a background with the Hex color 3674FC.

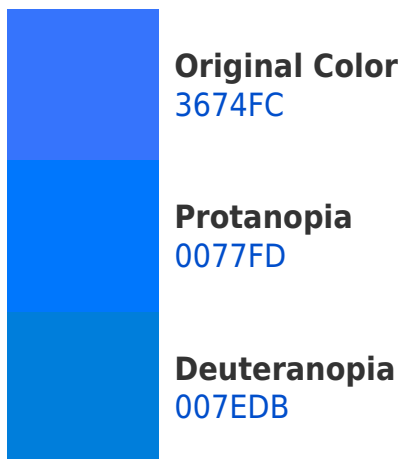


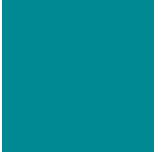
This preview shows how white text looks on a background with the Hex color 3674FC.

# 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](#).

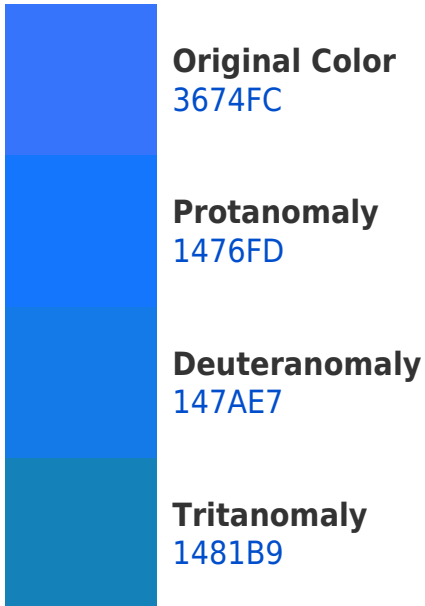
## Dichromacy



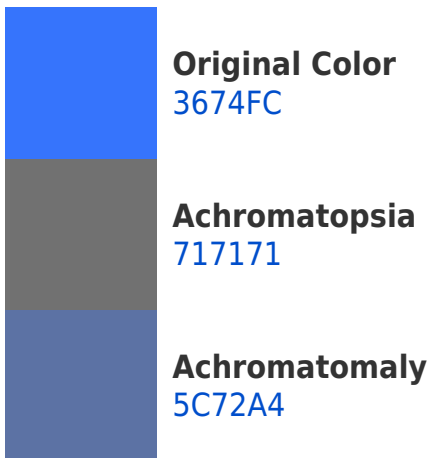


**Tritanopia**  
008992

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3674FC 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 #3674FC looks like.

```
.text, #text, p{  
    color:#3674FC  
}
```

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 #3674FC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3674FC
}
```

## Border

The CSS property to change the border of an element to Hex 3674FC 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
#3674FC }
```

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

```
.border{ border-color:#3674FC }
```

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

Here you see how a box with a 4 pixel #3674FC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3674FC; -webkit-box-shadow:4px 4px  
4px 4px #3674FC; box-shadow:4px 4px 4px  
4px #3674FC }
```

# Background

The CSS property to change the background color of an element to Hex 3674FC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3674FC }
```

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

```
.background{ background-color:#3674FC }
```

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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