

# Converting Colors

Hex(3F74D3)

Have a look what the booklet for  
Hex(3F74D3) contains.

<b>Hex(3F74D3)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

Hex(3F74D3)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	3F74D3
RGB	63, 116, 211
RGB Percent	25%, 45%, 83%
CMY	0.7529, 0.5451, 0.1725
CMYK	0.70, 0.45, 0.00, 0.17
HSL	219°, 63%, 54%
HSV	219°, 70%, 83%
XYZ	20.0532, 18.2507, 64.0938
YIQ	110.9830, -62.0830, 18.3090

# Conversions

## Conversions Part 2

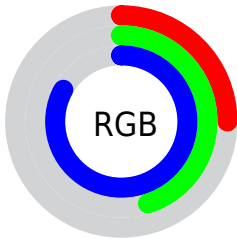
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	63, 102, 211
Decimal	4158675
CIE Lab	49.80, 14.04, -54.17
CIE LCh	50, 55.960, 284.533
Yxy	18.2507, 0.1958, 0.1782
Android (android.graphics.Color)	4282348755 (0xFF3F74D3)
YUV	110.9830, 49.3084, -42.0811
Hunter-Lab	42.7208, 9.0265, -59.0479

# Details

The Hex color **3F74D3** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark muted azure. A complement of this color would be **D39E3F**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **7FA7FF**, and **00459C** is the 20% darker color. If you saturate the color by 10%, you get **2A66D3**, and if you desaturate by 10%, it is **5482D3**.

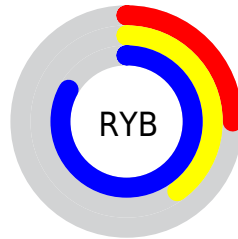
# Distribution



Red (25%)

Green (45%)

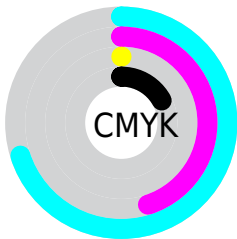
Blue (83%)



Red (25%)

Yellow (40%)

Blue (83%)

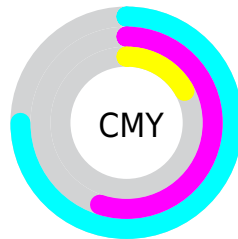


Cyan (70%)

Magenta (45%)

Yellow (0%)

Black (17%)



Cyan (75%)

Magenta (55%)

Yellow (17%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3F74D3 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 3F74D3 by changing the saturation by 10% instead.



■ 3F74D3

■ 3F74D3

FFFFFF

■ 0F5CB7

■ 7FA7FF

■ 00459C

■ 9DC3FF

■ 002F81

■ BBDEFF

■ 001C67

■ D9FBFF

■ 00004F

■ F7FFFF

■ 000537

■ 000221

■ 000005

■ 000000

■ 3F74D3

■ 3F74D3

■ 2A66D3

■ 5482D3

■ 1559D3

■ 698FD3

■ 004CD3

■ 7E9DD3

■ 93AAD3

■ A9B8D3

■ BEC5D3

■ D3D3D3

■ E8E0D3

■ FDEED3

# Harmonies

## Analogous

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



0083D2



3F74D3



965FBB

# Triad

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



3F74D3



C05735



008B5B

# Complementary

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



3F74D3



D39E3F

# 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.



40862D



3F74D3



A26B0E

# Square

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



3F74D3



CC4861



787B03



008D8D

# Rectangle

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



3F74D3



B551A0



787B03



008A4B



# Sweetspot

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



3F74D3



C9DDFF



3FD39D



606B80



000000



808080



# Same Dimension

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



3F74D3



2976FF



533FD3



5E6269



003CA8



000F29



# Inverse Universe

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



D33F74



FF2976



BFD33F



695E62



A8003C



29000F



# Previews

## White Background



This preview shows how the Hex color 3F74D3 looks on a white background.

## Color Contrast Check

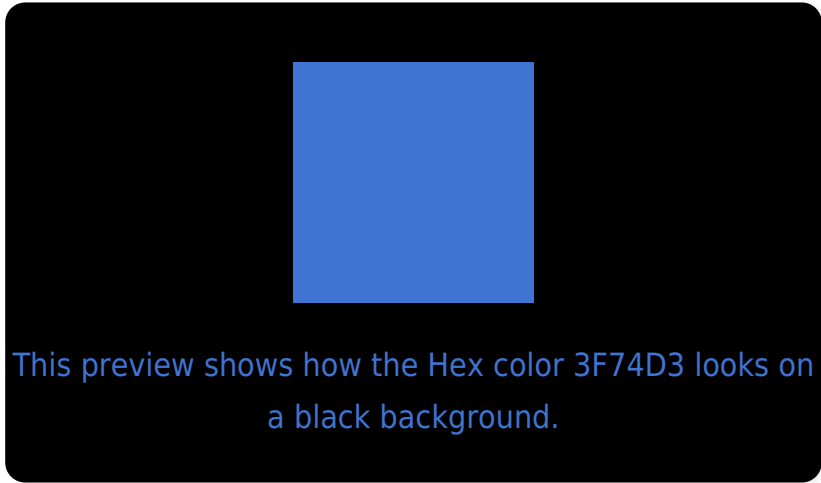
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ Pass

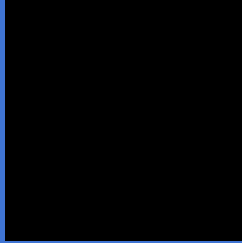
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

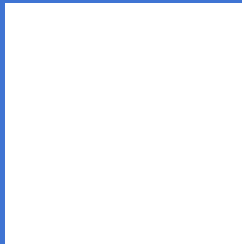
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 3F74D3 Background



This preview shows how black text looks on a background with the Hex color 3F74D3.

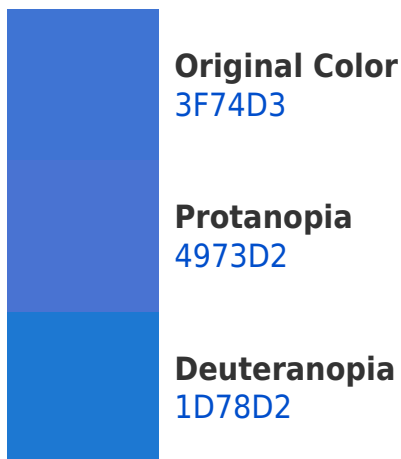


This preview shows how white text looks on a background with the Hex color 3F74D3.

# 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](#).

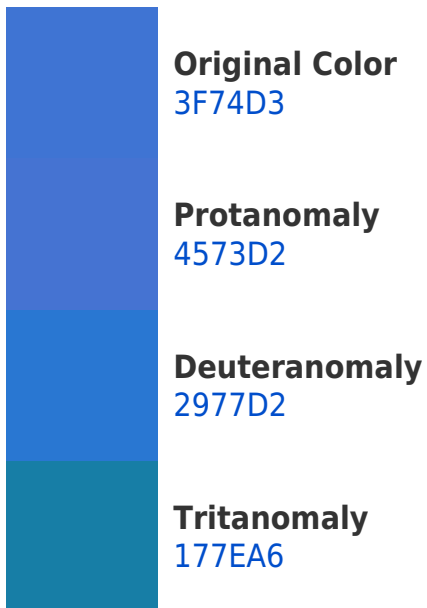
## Dichromacy



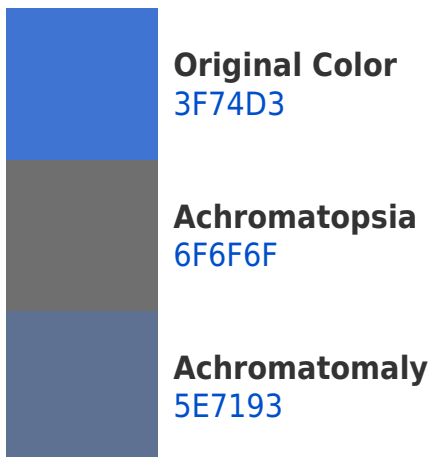


**Tritanopia**  
00838D

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3F74D3 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 #3F74D3 looks like.

```
.text, #text, p{  
    color:#3F74D3  
}
```

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 #3F74D3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3F74D3
}
```

## Border

The CSS property to change the border of an element to Hex 3F74D3 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
#3F74D3 }
```

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

```
.border{ border-color:#3F74D3 }
```

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

Here you see how a box with a 4 pixel #3F74D3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3F74D3; -webkit-box-shadow:4px 4px  
4px 4px #3F74D3; box-shadow:4px 4px 4px  
4px #3F74D3 }
```

# Background

The CSS property to change the background color of an element to Hex 3F74D3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3F74D3 }
```

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

```
.background{ background-color:#3F74D3 }
```

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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