

# Converting Colors

Hex(3F6DCF)

Have a look what the booklet for  
Hex(3F6DCF) contains.

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# Color

**Hex(3F6DCF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3F6DCF
RGB	63, 109, 207
RGB Percent	25%, 43%, 81%
CMY	0.7529, 0.5725, 0.1882
CMYK	0.70, 0.47, 0.00, 0.19
HSL	221°, 60%, 53%
HSV	221°, 70%, 81%
XYZ	18.7810, 16.4990, 61.2262
YIQ	106.4180, -58.8740, 20.7260

# Conversions

## Conversions Part 2

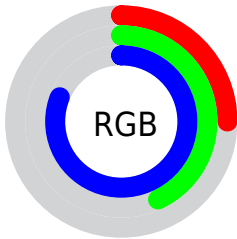
<b>Format</b>	<b>Color</b>
<b>RYB</b>	63, 98, 207
Decimal	4156879
CIELab	47.62, 16.99, -55.38
CIElCh	48, 57.932, 287.055
Yxy	16.4990, 0.1946, 0.1710
Android (android.graphics.Color)	4282346959 (0xFF3F6DCF)
YUV	106.4180, 49.5869, -38.0776
Hunter-Lab	40.6190, 11.4499, -60.9363

# Details

The Hex color **3F6DCF** 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 **CFA13F**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **7EA0FF**, and **003E98** is the 20% darker color. If you saturate the color by 10%, you get **2A5FCF**, and if you desaturate by 10%, it is **547BCF**.

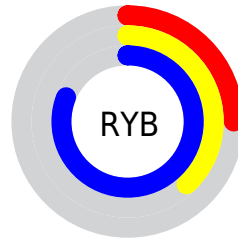
# Distribution



Red (25%)

Green (43%)

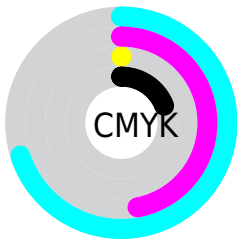
Blue (81%)



Red (25%)

Yellow (38%)

Blue (81%)

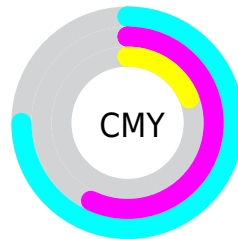


Cyan (70%)

Magenta (47%)

Yellow (0%)

Black (19%)



Cyan (75%)

Magenta (57%)

Yellow (19%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3F6DCF 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 3F6DCF by changing the saturation by 10% instead.



 3F6DCF

 3F6DCF

FFFFFF

 1055B3

 7EA0FF

 003E98

 9CBBFF

 00297D

 BAD6FF

 001764

 D8F3FF

 00044B

 F6FFFF

 000433

 00021D

 000000

 3F6DCF

 3F6DCF

■ 2A5FCF

■ 547BCF

■ 1651CF

■ 6889CF

■ 0143CF

■ 7D97CF

■ 0042CF

■ 92A5CF

■ A7B3CF

■ BBC2CF

■ D0D0CF

■ E5DECF

■ F9ECCF

# Harmonies

## Analogous

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



007DD0



3F6DCF



9657B4

# Triad

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



3F6DCF



B9522A



008659

# Complementary

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



3F6DCF



CFA13F

# 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.



308128



3F6DCF



996700

# Square

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



3F6DCF



C83F57



6E7700



00878C

# Rectangle

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



3F6DCF



B44798



6E7700



008549



# Sweetspot

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



3F6DCF



C9DBFF



3FCF9F



606A80



000000



808080



# Same Dimension

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



3F6DCF



2B6FFF



573FCF



5E6169



0036A8



000D29



# Inverse Universe

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



CF3F6D



FF2B6F



B7CF3F



695E61



A80036



29000D



# Previews

## White Background



This preview shows how the Hex color 3F6DCF 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 3F6DCF looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

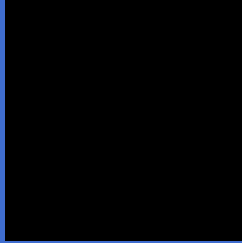
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

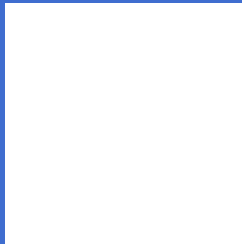
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 3F6DCF Background



This preview shows how black text looks on a background with the Hex color 3F6DCF.



This preview shows how white text looks on a background with the Hex color 3F6DCF.

# 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](#).

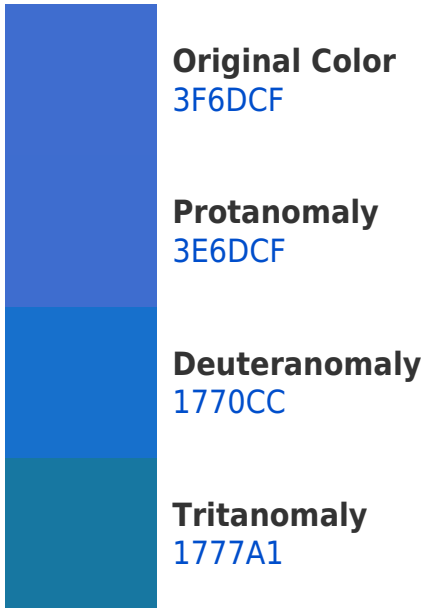
## Dichromacy



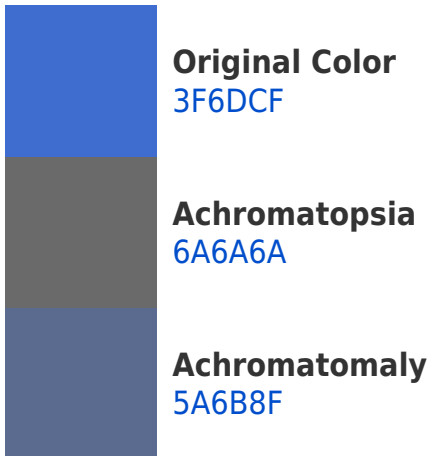


**Tritanopia**  
007D87

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3F6DCF 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 #3F6DCF looks like.

```
.text, #text, p{  
    color:#3F6DCF  
}
```

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 #3F6DCF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3F6DCF
}
```

## Border

The CSS property to change the border of an element to Hex 3F6DCF 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
#3F6DCF }
```

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

```
.border{ border-color:#3F6DCF }
```

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

Here you see how a box with a 4 pixel #3F6DCF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3F6DCF; -webkit-box-shadow:4px 4px  
4px 4px #3F6DCF; box-shadow:4px 4px 4px  
4px #3F6DCF }
```

# Background

The CSS property to change the background color of an element to Hex 3F6DCF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3F6DCF }
```

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

```
.background{ background-color:#3F6DCF }
```

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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