

# Converting Colors

Hex(3F42F3)

Have a look what the booklet for  
Hex(3F42F3) contains.

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# Color

**Hex(3F42F3)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	3F42F3
RGB	63, 66, 243
RGB Percent	25%, 26%, 95%
CMY	0.7529, 0.7412, 0.0471
CMYK	0.74, 0.73, 0.00, 0.05
HSL	239°, 88%, 60%
HSV	239°, 74%, 95%
XYZ	20.1758, 11.4243, 85.9357
YIQ	85.2810, -58.6050, 54.4110

# Conversions

## Conversions Part 2

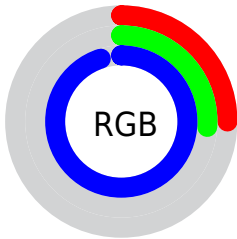
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	63, 66, 243
Decimal	4145907
CIE Lab	40.29, 55.65, -87.78
CIE LCh	40, 103.937, 302.373
Yxy	11.4243, 0.1717, 0.0972
Android (android.graphics.Color)	4282335987 (0xFF3F42F3)
YUV	85.2810, 77.7555, -19.5404
Hunter-Lab	33.7998, 47.4006, -127.0846

# Details

The Hex color **3F42F3** is a dark color, and the websafe version is hex **3333CC**. The color can be described as dark washed blue. A complement of this color would be **F3F03F**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **8874FF**, and **0013B9** is the 20% darker color. If you saturate the color by 10%, you get **272AF3**, and if you desaturate by 10%, it is **575AF3**.

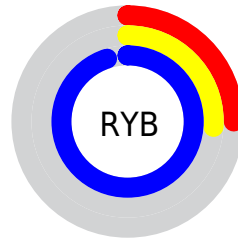
# Distribution



Red (25%)

Green (26%)

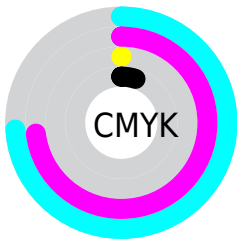
Blue (95%)



Red (25%)

Yellow (26%)

Blue (95%)

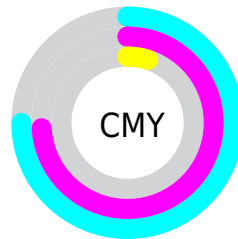


Cyan (74%)

Magenta (73%)

Yellow (0%)

Black (5%)



Cyan (75%)

Magenta (74%)

Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3F42F3 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 3F42F3 by changing the saturation by 10% instead.



 3F42F3

 3F42F3

FFFFFF

 002AD6

 8874FF

 0013B9

 A98EFF

 00009D

 C9A9FF

 000082

 E8C5FF

 000768

 FFE1FF

 000A4F

FFFEFF

 000537

 000221

 000005

 3F42F3

 3F42F3

 272AF3

 575AF3

 0E12F3

 7072F3

 0004F3

 888AF3

 A0A2F3

 B8B9F3

 D1D1F3

 E9E9F3

 FFFFF3

# Harmonies

## Analogous

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



006CFF



3F42F3



C200B0

# Triad

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



3F42F3



AF3300



007C64

# Complementary

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



3F42F3



F3F03F

# 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.



007900



3F42F3



6F5F00

# Square

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



3F42F3



DB0007



007100



007EBA

# Rectangle

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



3F42F3



E10079



007100



007B46



# Sweetspot

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



3F42F3



C7C8FF



3FF3F0



5E5F80



000000



808080



# Same Dimension

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



3F42F3



1C20FF



963FF3



6E6E7A



0003BA



00013B



# Inverse Universe

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



F33F42



FF1C20



9CF33F



7A6E6E



BA0003

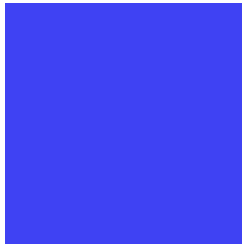


3B0001



# Previews

## White Background



This preview shows how the Hex color 3F42F3 looks on a white background.

## Color Contrast Check

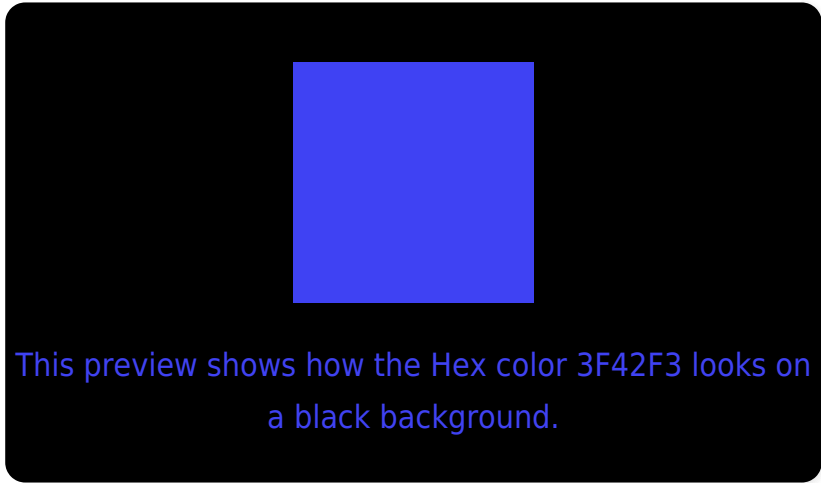
Large Text (above 18pt) WCAG AA ✓ Pass

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

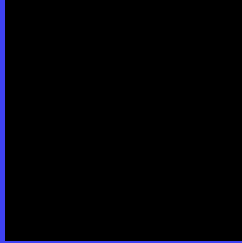
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 3F42F3 Background



This preview shows how black text looks on a background with the Hex color 3F42F3.

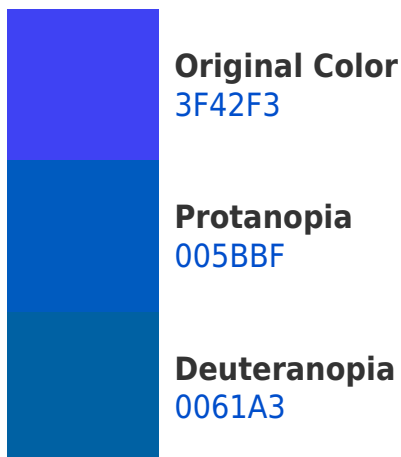


This preview shows how white text looks on a background with the Hex color 3F42F3.

# 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](#).

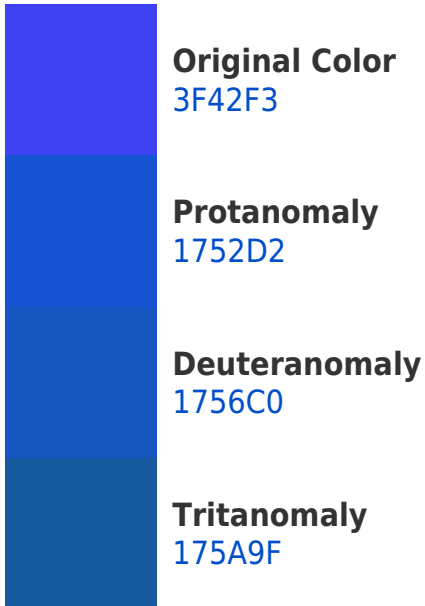
## Dichromacy





**Tritanopia**  
00686F

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3F42F3 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 #3F42F3 looks like.

```
.text, #text, p{  
    color:#3F42F3  
}
```

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 #3F42F3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3F42F3
}
```

## Border

The CSS property to change the border of an element to Hex 3F42F3 is called "border". The border property can be set on classes, ids or directly on the HTML element.

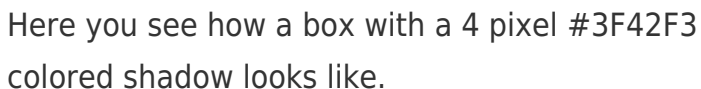
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3F42F3 }
```

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

```
.border{ border-color:#3F42F3 }
```

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



Here you see how a box with a 4 pixel #3F42F3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3F42F3; -webkit-box-shadow:4px 4px  
4px 4px #3F42F3; box-shadow:4px 4px 4px  
4px #3F42F3 }
```

# Background

The CSS property to change the background color of an element to Hex 3F42F3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3F42F3 }
```

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

```
.background{ background-color:#3F42F3 }
```

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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