

# Converting Colors

Hex(4F42DF)

Have a look what the booklet for  
Hex(4F42DF) contains.

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# Color

Hex(4F42DF)

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>               |
|---------------|----------------------------|
| Hex           | 4F42DF                     |
| RGB           | 79, 66, 223                |
| RGB Percent   | 31%, 26%, 87%              |
| CMY           | 0.6902, 0.7412, 0.1255     |
| CMYK          | 0.65, 0.70, 0.00, 0.13     |
| HSL           | 245°, 71%, 57%             |
| HSV           | 245°, 70%, 87%             |
| XYZ           | 18.4919, 10.8864, 70.9387  |
| YIQ           | 87.7850, -42.6490, 51.5830 |

# Conversions

## Conversions Part 2

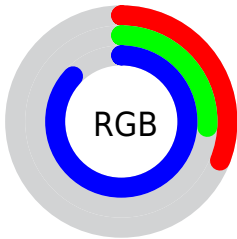
| <b>Format</b>                       | <b>Color</b>                   |
|-------------------------------------|--------------------------------|
| R <sub>Y</sub> B                    | 79, 66, 223                    |
| Decimal                             | 5194463                        |
| CIE Lab                             | 39.39, 50.98, -77.88           |
| CIE LCh                             | 39, 93.086, 303.207            |
| Yxy                                 | 10.8864, 0.1843,<br>0.1085     |
| Android<br>(android.graphics.Color) | 4283384543<br>(0xFF4F42DF)     |
| YUV                                 | 87.7850, 66.6610,<br>-7.7044   |
| Hunter-Lab                          | 32.9946, 42.3007,<br>-104.3780 |

# Details

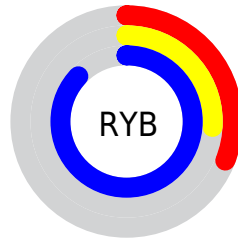
The Hex color **4F42DF** is a dark color, and the websafe version is hex **3333CC**. The color can be described as dark muted blue. A complement of this color would be **D2DF42**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **9074FF**, and **0013A6** is the 20% darker color. If you saturate the color by 10%, you get **3B2CDF**, and if you desaturate by 10%, it is **6358DF**.

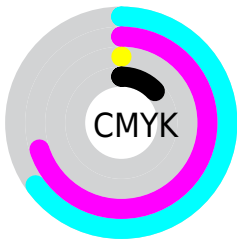
# Distribution



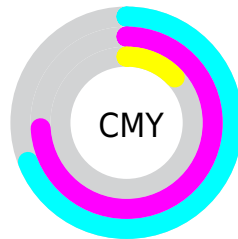
- Red (31%)
- Green (26%)
- Blue (87%)



- Red (31%)
- Yellow (26%)
- Blue (87%)



- Cyan (65%)
- Magenta (70%)
- Yellow (0%)
- Black (13%)



- Cyan (69%)
- Magenta (74%)
- Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4F42DF 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 4F42DF by changing the saturation by 10% instead.



■ 4F42DF

■ 4F42DF

FFFFFF

■ 262AC2

■ 9074FF

■ 0013A6

■ AE8EFF

■ 00008B

■ CDA9FF

■ 000071

■ ECC5FF

■ 000857

■ FFE1FF

■ 00063F

FFFEFF

■ 000328

■ 000111

■ 000000

 4F42DF

 4F42DF

 3B2CDF

 6358DF

 2615DF

 786FDF

 1200DF

 8C85DF

 A19BDF

 B5B2DF

 CAC8DF

 DEDEDF

 F3F4DF

 FFFFDF

# Harmonies

## Analogous

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



0067F9



4F42DF



B800A3

# Triad

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



4F42DF



A53900



007863

# Complementary

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



4F42DF



D2DF42

# 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.



007505



4F42DF



6B5D00

# Square

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



4F42DF



CD000D



006E00



0079B0

# Rectangle

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



4F42DF



D20072



006E00



007749



# Sweetspot

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



4F42DF



CEC9FF



42D5DF



626080



000000



808080



# Same Dimension

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



4F42DF



3B29FF



9B42DF



666570



0F00B0



040030



# Inverse Universe

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



DF42D2



FF29ED



86DF42



70656F



B000A1

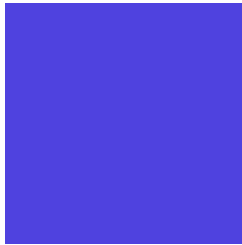


30002C



# Previews

## White Background



This preview shows how the Hex color 4F42DF looks on a white background.

## Color Contrast Check

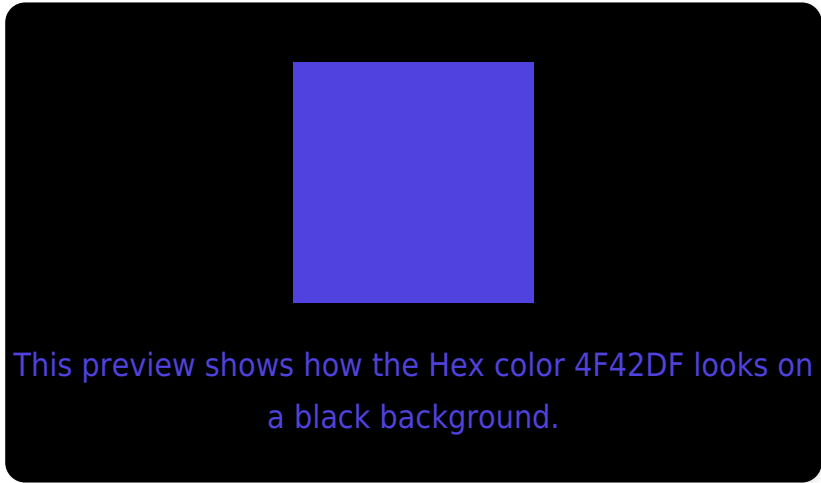
Large Text (above 18pt) WCAG AA ✓ Pass

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

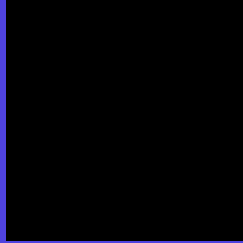
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 4F42DF Background



This preview shows how black text looks on a background with the Hex color 4F42DF.

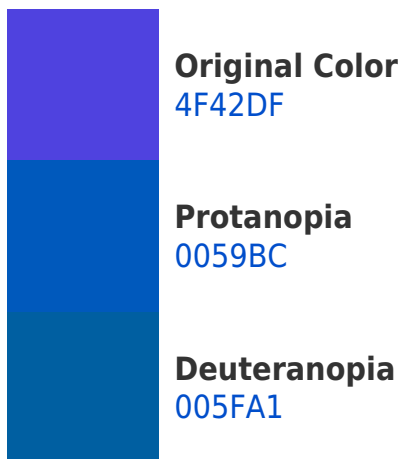


This preview shows how white text looks on a background with the Hex color 4F42DF.

# 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](#).

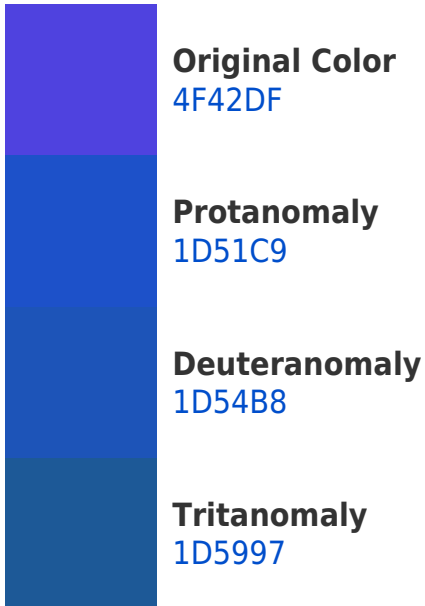
## Dichromacy



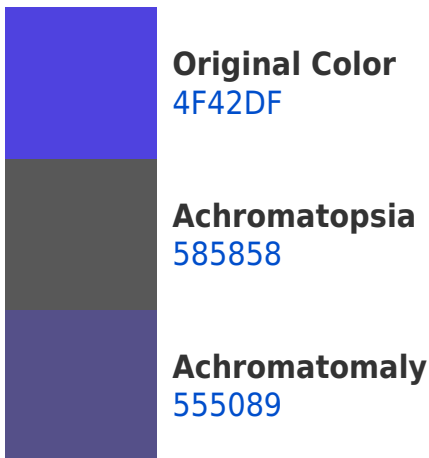


**Tritanopia**  
00666E

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4F42DF 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 #4F42DF looks like.

```
.text, #text, p{  
  color:#4F42DF  
}
```

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 #4F42DF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4F42DF
}
```

## Border

The CSS property to change the border of an element to Hex 4F42DF is called "border". The border property can be set on classes, ids or directly on the HTML element.

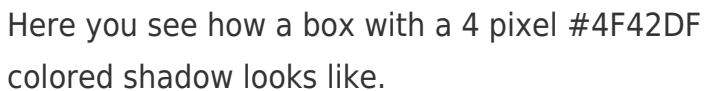
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4F42DF }
```

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

```
.border{ border-color:#4F42DF }
```

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



Here you see how a box with a 4 pixel #4F42DF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4F42DF; -webkit-box-shadow:4px 4px  
4px 4px #4F42DF; box-shadow:4px 4px 4px  
4px #4F42DF }
```

# Background

The CSS property to change the background color of an element to Hex 4F42DF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4F42DF }
```

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

```
.background{ background-color:#4F42DF }
```

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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