

# Converting Colors

Hex(442FD0)

Have a look what the booklet for  
Hex(442FD0) contains.

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# Color

**Hex(442FD0)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	442FD0
RGB	68, 47, 208
RGB Percent	27%, 18%, 82%
CMY	0.7333, 0.8157, 0.1843
CMYK	0.67, 0.77, 0.00, 0.18
HSL	248°, 63%, 50%
HSV	248°, 77%, 82%
XYZ	14.7856, 7.8160, 60.4039
YIQ	71.6330, -39.1650, 54.5230

# Conversions

## Conversions Part 2

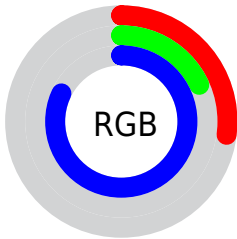
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	68, 47, 208
Decimal	4468688
CIE <sub>Lab</sub>	33.60, 55.13, -78.82
CIE <sub>LCh</sub>	34, 96.189, 304.968
Yxy	7.8160, 0.1781, 0.0942
Android (android.graphics.Color)	4282658768 (0xFF442FD0)
YUV	71.6330, 67.2289, -3.1861
Hunter-Lab	27.9572, 45.4773, -108.5311

# Details

The Hex color **442FD0** 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 **BBD02F**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **8661FF**, and **000098** is the 20% darker color. If you saturate the color by 10%, you get **321AD0**, and if you desaturate by 10%, it is **5644D0**.

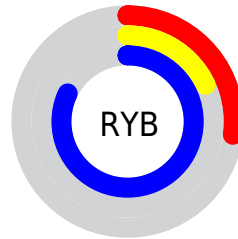
# Distribution



Red (27%)

Green (18%)

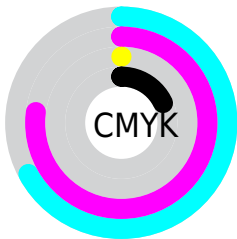
Blue (82%)



Red (27%)

Yellow (18%)

Blue (82%)

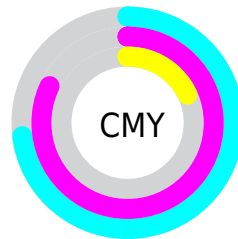


Cyan (67%)

Magenta (77%)

Yellow (0%)

Black (18%)



Cyan (73%)

Magenta (82%)

Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 442FD0 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 442FD0 by changing the saturation by 10% instead.



 442FD0

 442FD0

FFFFFF

 1316B4

 8661FF

 000098

 A57BFF

 00007D

 C396FF

 000063

 E2B1FF

 00094A

 FFCDFD

 000432

 FFE9FF

 00021D

 000000

 442FD0

 442FD0

■ 321AD0

■ 5644D0

■ 2005D0

■ 6859D0

■ 1B00D0

■ 7A6DD0

■ 8C82D0

■ 9E97D0

■ B1ACD0

■ C3C1D0

■ D5D5D0

■ E7EAD0

# Harmonies

## Analogous

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



0059ED



442FD0



AC0091

# Triad

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



442FD0



922C00



00685B

# Complementary

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



442FD0



BBD02F

# 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.



006600



442FD0



565100

# Square

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



442FD0



BB0000



006000



006AA7

# Rectangle

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



442FD0



C40060



006000



006840



# Sweetspot

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



442FD0



CCC4FF



2FBDD0



605C80



000000



808080



# Same Dimension

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



442FD0



3112FF



922FD0



5F5E69



1600A8



050029



# Inverse Universe

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



D02FBB



FF12E0



6DD02F



695E67



A80092

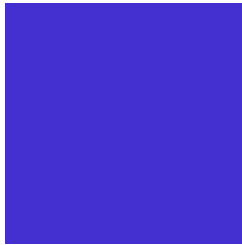


290023



# Previews

## White Background



This preview shows how the Hex color 442FD0 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 ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

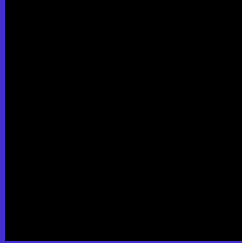
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 442FD0 Background



This preview shows how black text looks on a background with the Hex color 442FD0.

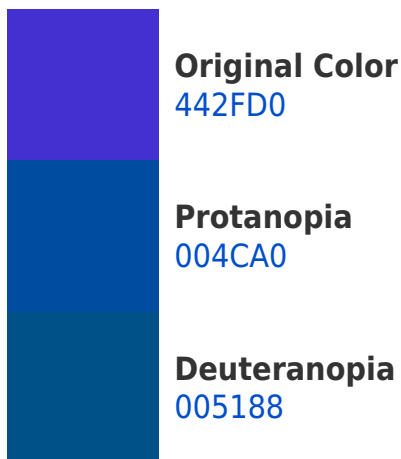



This preview shows how white text looks on a background with the Hex color 442FD0.

# 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](#).

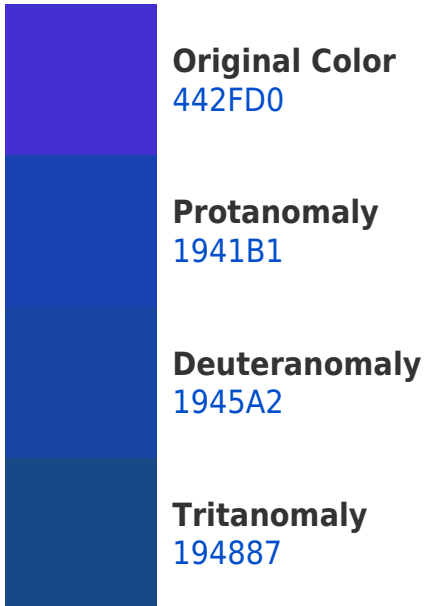
## Dichromacy





**Tritanopia**  
00575D

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 442FD0 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 #442FD0 looks like.

```
.text, #text, p{  
    color:#442FD0  
}
```

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 #442FD0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #442FD0
}
```

## Border

The CSS property to change the border of an element to Hex 442FD0 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
#442FD0 }
```

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

```
.border{ border-color:#442FD0 }
```

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

Here you see how a box with a 4 pixel #442FD0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #442FD0; -webkit-box-shadow:4px 4px  
4px 4px #442FD0; box-shadow:4px 4px 4px  
4px #442FD0 }
```

# Background

The CSS property to change the background color of an element to Hex 442FD0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#442FD0 }
```

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

```
.background{ background-color:#442FD0 }
```

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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