

# Converting Colors

Hex(4A4ADB)

Have a look what the booklet for  
Hex(4A4ADB) contains.

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# Color

Hex(4A4ADB)

# Conversions

## Conversions Part 1

Format	Color
Hex	4A4ADB
RGB	74, 74, 219
RGB Percent	29%, 29%, 86%
CMY	0.7098, 0.7098, 0.1412
CMYK	0.66, 0.66, 0.00, 0.14
HSL	240°, 67%, 57%
HSV	240°, 66%, 86%
XYZ	18.0590, 11.4679, 68.2795
YIQ	90.5300, -46.5450, 45.0950

# Conversions

## Conversions Part 2

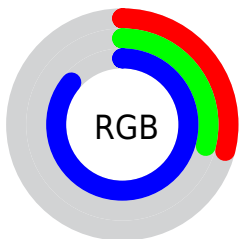
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	74, 74, 219
Decimal	4868827
CIE <sub>Lab</sub>	40.36, 44.52, -74.02
CIE <sub>LCh</sub>	40, 86.379, 301.028
Yxy	11.4679, 0.1846, 0.1173
Android (android.graphics.Color)	4283058907 (0xFF4A4ADB)
YUV	90.5300, 63.3357, -14.4968
Hunter-Lab	33.8643, 35.9274, -95.8398

# Details

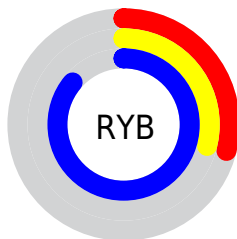
The Hex color **4A4ADB** is a dark color, and the websafe version is hex **3333CC**. The color can be described as dark muted blue. A complement of this color would be **DBDB4A**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **8B7CFF**, and **001DA3** is the 20% darker color. If you saturate the color by 10%, you get **3434DB**, and if you desaturate by 10%, it is **6060DB**.

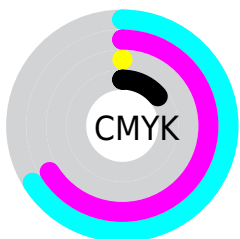
# Distribution



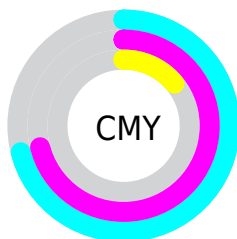
- Red (29%)
- Green (29%)
- Blue (86%)



- Red (29%)
- Yellow (29%)
- Blue (86%)



- Cyan (66%)
- Magenta (66%)
- Yellow (0%)
- Black (14%)



- Cyan (71%)
- Magenta (71%)
- Yellow (14%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4A4ADB 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 4A4ADB by changing the saturation by 10% instead.



■ 4A4ADB

■ 4A4ADB

FFFFFF

■ 1F33BF

■ 8B7CFF

■ 001DA3

■ A996FF

■ 000888

■ C8B1FF

■ 00006D

■ E6CCFF

■ 000954

■ FFE8FF

■ 00063C

■ 000225

■ 00010D

■ 000000

 4A4ADB

 4A4ADB

 3434DB

 6060DB

 1E1EDB

 7676DB

 0808DB

 8C8CDB

 0000DB

 A2A2DB

 B7B7DB

 CDCCDB

 E3E3DB

 F9F9DB

 FFFFDB

# Harmonies

## Analogous

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



0069F0



4A4ADB



B100A5

# Triad

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



4A4ADB



A83C00



007960

# Complementary

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



4A4ADB



DBDB4A

# 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.



00760A



4A4ADB



735E00

# Square

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



4A4ADB



CB001B



226F00



007AA7

# Rectangle

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



4A4ADB



CC0078



226F00



007947



# Sweetspot

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



4A4ADB



CCCCFF



4ADBDB



616180



000000



808080



# Same Dimension

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



4A4ADB



3636FF



934ADB



63636E



0000AD



00002E



# Inverse Universe

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



DB4ADB



FF36FF



93DB4A



6E636E



AD00AD

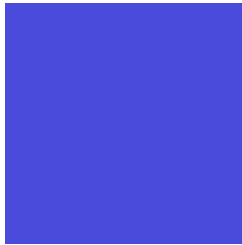


2E002E



# Previews

## White Background



This preview shows how the Hex color 4A4ADB looks on a white background.

## Color Contrast Check

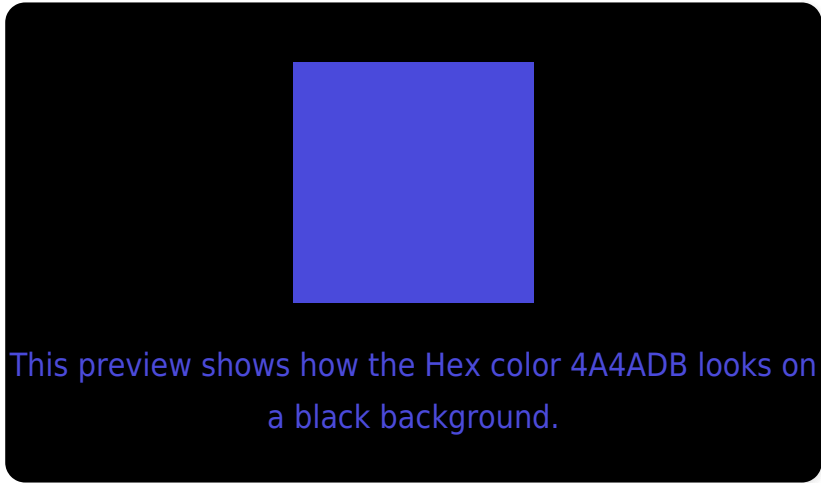
Large Text (above 18pt) WCAG AA ✓ Pass

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

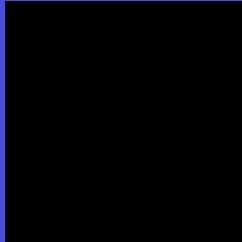
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 4A4ADB Background



This preview shows how black text looks on a background with the Hex color 4A4ADB.

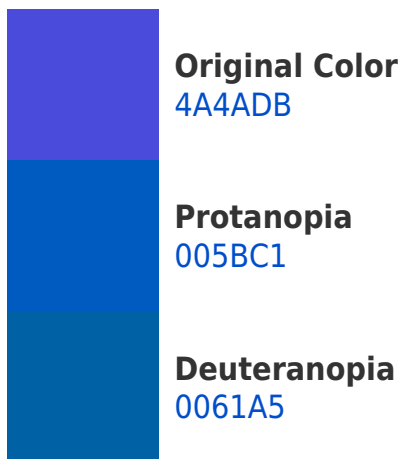


This preview shows how white text looks on a background with the Hex color 4A4ADB.

# 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**  
006971

# Trichromacy



**Original Color**  
4A4ADB

**Protanomaly**  
1B55CA

**Deuteranomaly**  
1B59B9

**Tritanomaly**  
1B5E98

# Monochromacy



**Original Color**  
4A4ADB

**Achromatopsia**  
5B5B5B

**Achromatomaly**  
55558A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4A4ADB 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 #4A4ADB looks like.

```
.text, #text, p{  
    color:#4A4ADB  
}
```

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 #4A4ADB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4A4ADB
}
```

## Border

The CSS property to change the border of an element to Hex 4A4ADB 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
#4A4ADB }
```

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

```
.border{ border-color:#4A4ADB }
```

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

Here you see how a box with a 4 pixel #4A4ADB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4A4ADB; -webkit-box-shadow:4px 4px  
4px 4px #4A4ADB; box-shadow:4px 4px 4px  
4px #4A4ADB }
```

# Background

The CSS property to change the background color of an element to Hex 4A4ADB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4A4ADB }
```

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

```
.background{ background-color:#4A4ADB }
```

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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