

# Converting Colors

Hex(424BDD)

Have a look what the booklet for  
Hex(424BDD) contains.

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# Color

**Hex(424BDD)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	424BDD
RGB	66, 75, 221
RGB Percent	26%, 29%, 87%
CMY	0.7412, 0.7059, 0.1333
CMYK	0.70, 0.66, 0.00, 0.13
HSL	237°, 70%, 56%
HSV	237°, 70%, 87%
XYZ	17.8140, 11.4109, 69.6702
YIQ	88.9530, -52.2300, 43.4980

# Conversions

## Conversions Part 2

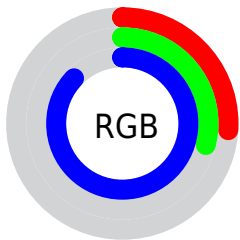
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	66, 75, 221
Decimal	4344797
CIE <sub>Lab</sub>	40.26, 43.62, -75.34
CIE <sub>LCh</sub>	40, 87.054, 300.072
Yxy	11.4109, 0.1801, 0.1154
Android (android.graphics.Color)	4282534877 (0xFF424BDD)
YUV	88.9530, 65.0992, -20.1298
Hunter-Lab	33.7800, 35.0177, -98.6380

# Details

The Hex color **424BDD** 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 **DDD442**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **857CFF**, and **001EA5** is the 20% darker color. If you saturate the color by 10%, you get **2C36DD**, and if you desaturate by 10%, it is **5860DD**.

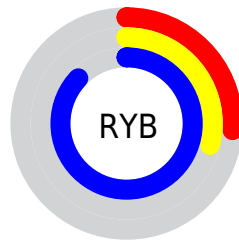
# Distribution



Red (26%)

Green (29%)

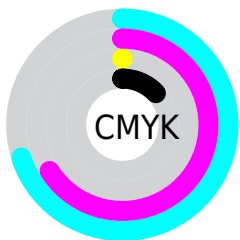
Blue (87%)



Red (26%)

Yellow (29%)

Blue (87%)

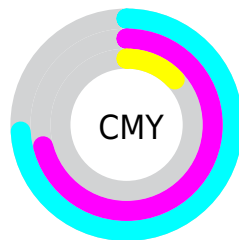


Cyan (70%)

Magenta (66%)

Yellow (0%)

Black (13%)



Cyan (74%)

Magenta (71%)

Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 424BDD 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 424BDD by changing the saturation by 10% instead.



■ 424BDD

■ 424BDD

FFFFFF

■ 0A34C0

■ 857CFF

■ 001EA5

■ A496FF

■ 000B89

■ C3B1FF

■ 00006F

■ E1CDFF

■ 000B56

■ FFE9FF

■ 00063D

■ 000326

■ 000110

■ 000000

■ 424BDD

■ 424BDD

■ 2C36DD

■ 5860DD

■ 1621DD

■ 6E75DD

■ 000DDD

■ 8489DD

■ 9A9EDD

■ B1B3DD

■ C7C8DD

■ DDDDDD

■ F3F2DD

■ FFFFDD

# Harmonies

## Analogous

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



006AF1



424BDD



AF00A7

# Triad

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



424BDD



AA3A00



00795D

# Complementary

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



424BDD



DDD442

# 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.



007603



424BDD



745D00

# Square

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



424BDD



CC001D



256E00



007AA6

# Rectangle

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



424BDD



CC007A



256E00



007844



# Sweetspot

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



424BDD



C9CDFF



42DDD3



606180



000000



808080



# Same Dimension

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



424BDD



2935FF



8542DD



63636E



000AAD



00032E



# Inverse Universe

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



DD424B



FF2935



9ADD42



6E6363



AD000A

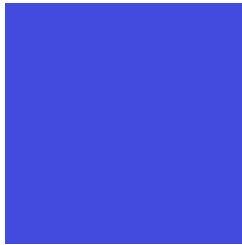


2E0003



# Previews

## White Background



This preview shows how the Hex color 424BDD looks on a white background.

## Color Contrast Check

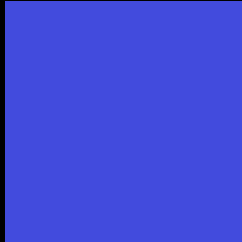
Large Text (above 18pt) WCAG AA ✓ Pass

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 424BDD looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

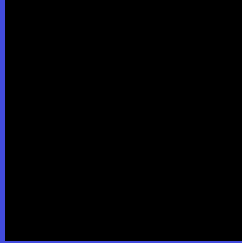
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 424BDD Background



This preview shows how black text looks on a background with the Hex color 424BDD.

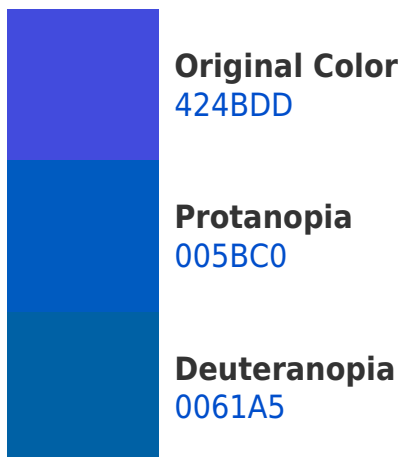


This preview shows how white text looks on a background with the Hex color 424BDD.

# Color Blindness Simulation

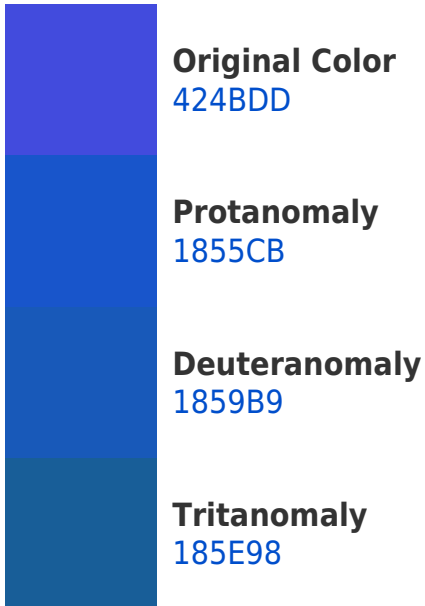
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

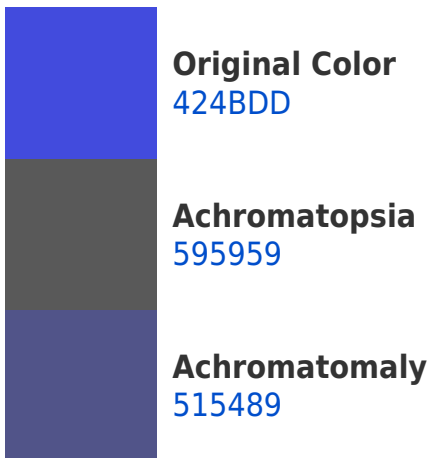




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 424BDD 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 #424BDD looks like.

```
.text, #text, p{  
    color:#424BDD  
}
```

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 #424BDD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #424BDD
}
```

## Border

The CSS property to change the border of an element to Hex 424BDD 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
#424BDD }
```

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

```
.border{ border-color:#424BDD }
```

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

Here you see how a box with a 4 pixel #424BDD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #424BDD; -webkit-box-shadow:4px 4px  
4px 4px #424BDD; box-shadow:4px 4px 4px  
4px #424BDD }
```

# Background

The CSS property to change the background color of an element to Hex 424BDD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#424BDD }
```

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

```
.background{ background-color:#424BDD }
```

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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