

# Converting Colors

Hex(4240D9)

Have a look what the booklet for  
Hex(4240D9) contains.

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# Color

Hex(4240D9)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4240D9
RGB	66, 64, 217
RGB Percent	26%, 25%, 85%
CMY	0.7412, 0.7490, 0.1490
CMYK	0.70, 0.71, 0.00, 0.15
HSL	241°, 67%, 55%
HSV	241°, 71%, 85%
XYZ	16.6045, 9.8348, 66.6688
YIQ	82.0400, -47.9210, 48.0070

# Conversions

## Conversions Part 2

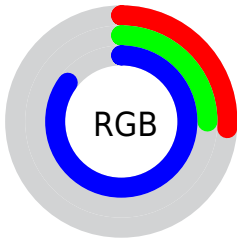
<b>Format</b>	<b>Color</b>
<b>RYB</b>	66, 64, 217
Decimal	4341977
CIELab	37.54, 48.72, -77.51
CIELCh	38, 91.552, 302.149
Yxy	9.8348, 0.1783, 0.1056
Android (android.graphics.Color)	4282532057 (0xFF4240D9)
YUV	82.0400, 66.5353, -14.0671
Hunter-Lab	31.3605, 39.6302, -104.0914

# Details

The Hex color **4240D9** 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 **D7D940**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **8571FF**, and **0012A1** is the 20% darker color. If you saturate the color by 10%, you get **2D2AD9**, and if you desaturate by 10%, it is **5756D9**.

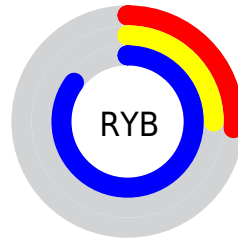
# Distribution



Red (26%)

Green (25%)

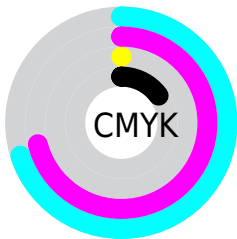
Blue (85%)



Red (26%)

Yellow (25%)

Blue (85%)

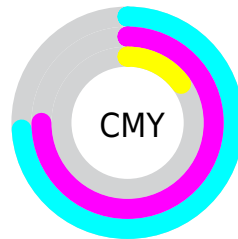


Cyan (70%)

Magenta (71%)

Yellow (0%)

Black (15%)



Cyan (74%)

Magenta (75%)

Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4240D9 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 4240D9 by changing the saturation by 10% instead.



 4240D9

 4240D9

FFFFFF

 0A29BD

 8571FF

 0012A1

 A48BFF

 000086

 C3A6FF

 00006B

 E2C1FF

 000B52

 FFDDFF

 00053A

 FFFAFF

 000223

 00000A

 000000

■ 4240D9

■ 4240D9

■ 2D2AD9

■ 5756D9

■ 1715D9

■ 6D6BD9

■ 0300D9

■ 8281D9

■ 9897D9

■ ADADD9

■ C2C2D9

■ D8D8D9

■ EDEED9

■ FFFFD9

# Harmonies

## Analogous

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



0063F1



4240D9



AF009F

# Triad

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



4240D9



A03300



00725C

# Complementary

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



4240D9



D7D940

# 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.



006F00



4240D9



685800

# Square

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



4240D9



C6000E



006900



0074A7

# Rectangle

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



4240D9



CA006F



006900



007242



# Sweetspot

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



4240D9



CAC9FF



40D9D9



606080



000000



808080



# Same Dimension

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



4240D9



2926FF



8D40D9



63636E



0200AD



01002E



# Inverse Universe

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



D940D7



FF26FC



8DD940



6E636E



AD00AB

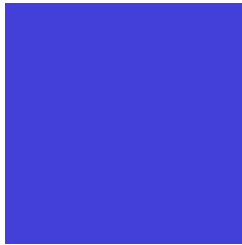


2E002D



# Previews

## White Background



This preview shows how the Hex color 4240D9 looks on a white background.

## Color Contrast Check

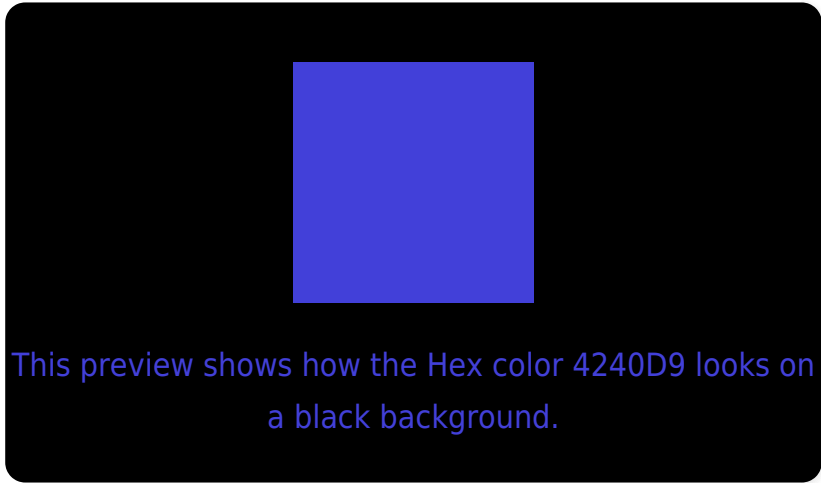
Large Text (above 18pt) WCAG AA ✓ Pass

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

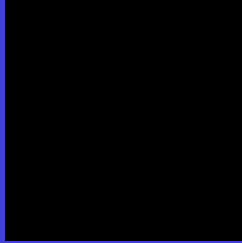
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 4240D9 Background



This preview shows how black text looks on a background with the Hex color 4240D9.

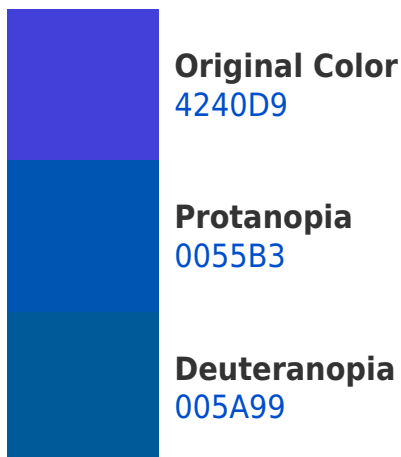


This preview shows how white text looks on a background with the Hex color 4240D9.

# 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](#).

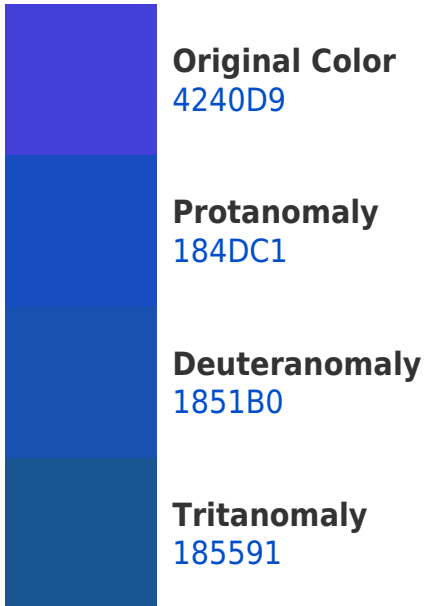
## Dichromacy



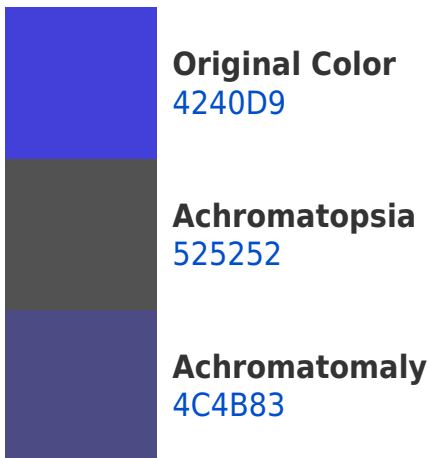


**Tritanopia**  
006168

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4240D9 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 #4240D9 looks like.

```
.text, #text, p{  
    color:#4240D9  
}
```

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 #4240D9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4240D9
}
```

## Border

The CSS property to change the border of an element to Hex 4240D9 is called "border". The border property can be set on classes, ids or directly on the HTML element.

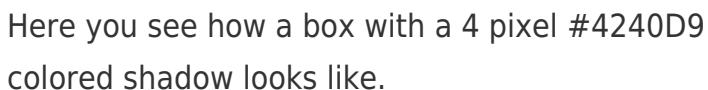
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4240D9 }
```

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

```
.border{ border-color:#4240D9 }
```

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



Here you see how a box with a 4 pixel #4240D9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4240D9; -webkit-box-shadow:4px 4px  
4px 4px #4240D9; box-shadow:4px 4px 4px  
4px #4240D9 }
```

# Background

The CSS property to change the background color of an element to Hex 4240D9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4240D9 }
```

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

```
.background{ background-color:#4240D9 }
```

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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