

# Converting Colors

Hex(473CDE)

Have a look what the booklet for  
Hex(473CDE) contains.

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# Color

Hex(473CDE)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	473CDE
RGB	71, 60, 222
RGB Percent	28%, 24%, 87%
CMY	0.7216, 0.7647, 0.1294
CMYK	0.68, 0.73, 0.00, 0.13
HSL	244°, 71%, 55%
HSV	244°, 73%, 87%
XYZ	17.3992, 9.8452, 70.0905
YIQ	81.7570, -45.4460, 52.7140

# Conversions

## Conversions Part 2

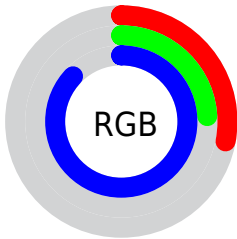
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	71, 60, 222
Decimal	4668638
CIE <sub>Lab</sub>	37.56, 53.03, -80.34
CIE <sub>LCh</sub>	38, 96.259, 303.426
Yxy	9.8452, 0.1788, 0.1011
Android (android.graphics.Color)	4282858718 (0xFF473CDE)
YUV	81.7570, 69.1398, -9.4339
Hunter-Lab	31.3771, 44.0717, -110.4786

# Details

The Hex color **473CDE** 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 **D3DE3C**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **8A6EFF**, and **000BA5** is the 20% darker color. If you saturate the color by 10%, you get **3226DE**, and if you desaturate by 10%, it is **5C52DE**.

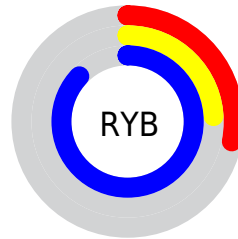
# Distribution



Red (28%)

Green (24%)

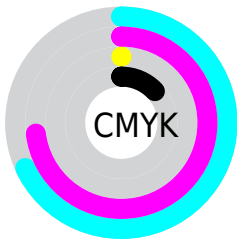
Blue (87%)



Red (28%)

Yellow (24%)

Blue (87%)

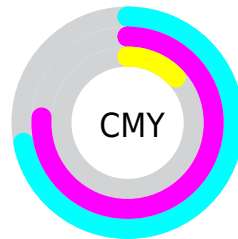


Cyan (68%)

Magenta (73%)

Yellow (0%)

Black (13%)



Cyan (72%)

Magenta (76%)

Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 473CDE 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 473CDE by changing the saturation by 10% instead.



 473CDE

 473CDE

FFFFFF

 1524C1

 8A6EFF

 000BA5

 A988FF

 00008A

 C8A3FF

 000070

 E7BEFF

 000C56

 FFDAFF

 00063E

 FFF7FF

 000327

 000110

 000000

 473CDE

 473CDE

 3226DE

 5C52DE

 1E10DE

 7068DE

 0F00DE

 857FDE

 9A95DE

 AEABDE

 C3C1DE

 D8D7DE

 EDEEDE

 FFFFDE

# Harmonies

## Analogous

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



0063F9



473CDE



B500A0

# Triad

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



473CDE



A13300



007360

# Complementary

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



473CDE



D3DE3C

# 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.



007000



473CDE



655900

# Square

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



473CDE



C90004



006A00



0075AE

# Rectangle

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



473CDE



D0006D



006A00



007244



# Sweetspot

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



473CDE



CBC7FF



3CD3DE



615E80



000000



808080



# Same Dimension

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



473CDE



2E1FFF



983CDE



666570



0C00B0



030030



# Inverse Universe

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



DE3CD3



FF1FF0



82DE3C



70656F



B000A4

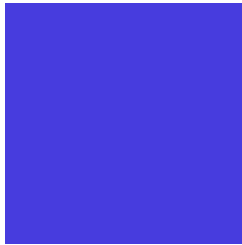


30002D



# Previews

## White Background



This preview shows how the Hex color 473CDE looks on a white background.

## Color Contrast Check

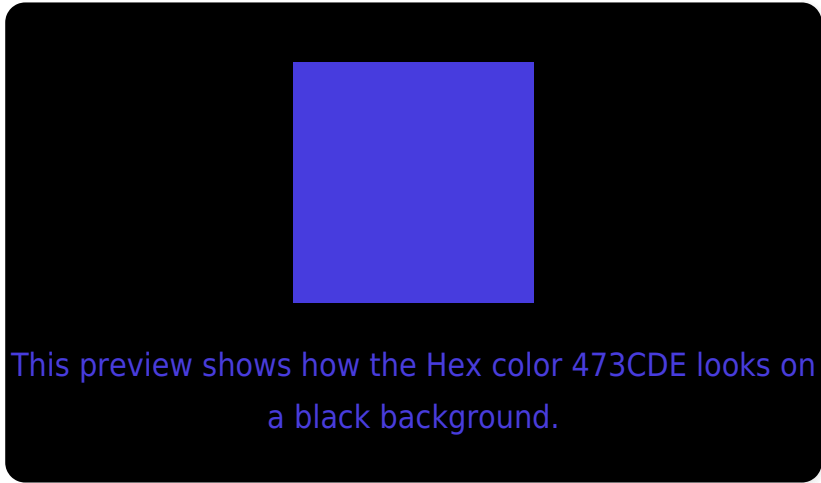
Large Text (above 18pt) WCAG AA ✓ Pass

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

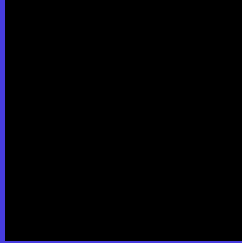
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 473CDE Background



This preview shows how black text looks on a background with the Hex color 473CDE.



This preview shows how white text looks on a background with the Hex color 473CDE.

# Color Blindness Simulation

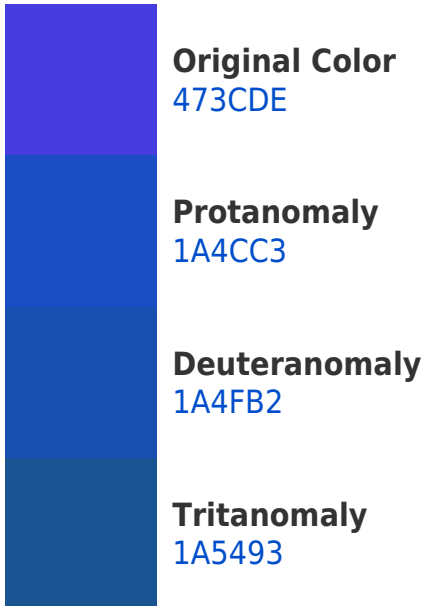
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

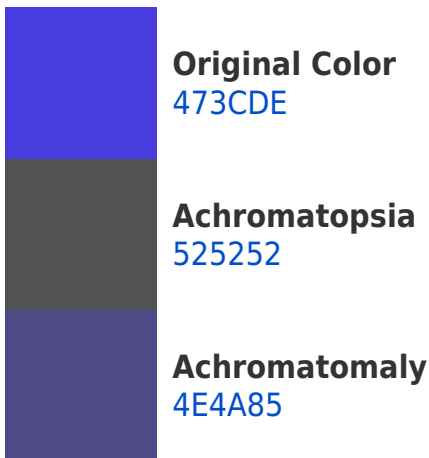




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 473CDE 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 #473CDE looks like.

```
.text, #text, p{  
    color:#473CDE  
}
```

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 #473CDE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #473CDE
}
```

## Border

The CSS property to change the border of an element to Hex 473CDE 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
#473CDE }
```

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

```
.border{ border-color:#473CDE }
```

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

Here you see how a box with a 4 pixel #473CDE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #473CDE; -webkit-box-shadow:4px 4px  
4px 4px #473CDE; box-shadow:4px 4px 4px  
4px #473CDE }
```

# Background

The CSS property to change the background color of an element to Hex 473CDE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#473CDE }
```

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

```
.background{ background-color:#473CDE }
```

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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