

# Converting Colors

Hex(475BD0)

Have a look what the booklet for  
Hex(475BD0) contains.

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# Color

**Hex(475BD0)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	475BD0
RGB	71, 91, 208
RGB Percent	28%, 36%, 82%
CMY	0.7216, 0.6431, 0.1843
CMYK	0.66, 0.56, 0.00, 0.18
HSL	231°, 59%, 55%
HSV	231°, 66%, 82%
XYZ	17.7248, 13.3758, 61.3221
YIQ	98.3580, -49.4770, 32.1470

# Conversions

## Conversions Part 2

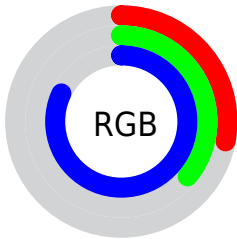
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	71, 88, 208
Decimal	4676560
CIE <sub>Lab</sub>	43.32, 29.95, -62.88
CIE <sub>LCh</sub>	43, 69.651, 295.471
Yxy	13.3758, 0.1918, 0.1447
Android (android.graphics.Color)	4282866640 (0xFF475BD0)
YUV	98.3580, 54.0535, -23.9930
Hunter-Lab	36.5730, 22.5058, -73.8108

# Details

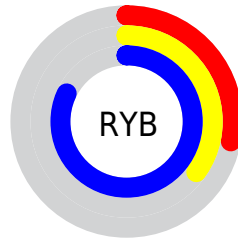
The Hex color **475BD0** is a dark color, and the websafe version is hex **6666CC**. The color can be described as dark muted blue. A complement of this color would be **D0BC47**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **858DFF**, and **002E99** is the 20% darker color. If you saturate the color by 10%, you get **3249D0**, and if you desaturate by 10%, it is **5C6DD0**.

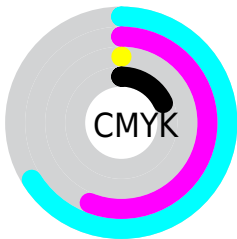
# Distribution



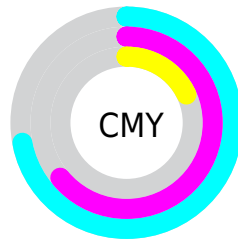
- Red (28%)
- Green (36%)
- Blue (82%)



- Red (28%)
- Yellow (35%)
- Blue (82%)



- Cyan (66%)
- Magenta (56%)
- Yellow (0%)
- Black (18%)



- Cyan (72%)
- Magenta (64%)
- Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 475BD0 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 475BD0 by changing the saturation by 10% instead.



 475BD0

 475BD0

FFFFFF

 1F44B4

 858DFF

 002E99

 A3A7FF

 001A7E

 C1C2FF

 000464

 DFDEFF

 00084B

 FDFBFF

 000434

 00021E

 000000

 475BD0

 475BD0

■ 3249D0

■ 5C6DD0

■ 1D37D0

■ 717FD0

■ 0926D0

■ 8590D0

■ 001ED0

■ 9AA2D0

■ AFB4D0

■ C4C6D0

■ D9D7D0

■ EDE9D0

■ FFFBD0

# Harmonies

## Analogous

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



0071DB



475BD0



A139A9

# Triad

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



475BD0



AE4600



007E5C

# Complementary

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



475BD0



D0BC47

# 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.



007A1C



475BD0



846100

# Square

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



475BD0



C62039



4D7100



007F97

# Rectangle

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



475BD0



BD1D85



4D7100



007D47



# Sweetspot

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



475BD0



CCD3FF



47D0BB



616580



000000



808080



# Same Dimension

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



475BD0



3653FF



7747D0



5E6069



0019A8



000629



# Inverse Universe

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



D0475B



FF3653



A0D047



695E60



A80019

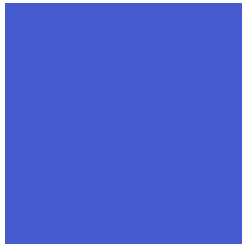


290006



# Previews

## White Background



This preview shows how the Hex color 475BD0 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

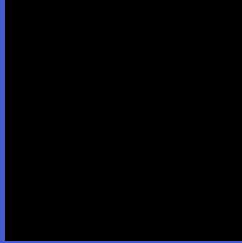
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 475BD0 Background



This preview shows how black text looks on a background with the Hex color 475BD0.

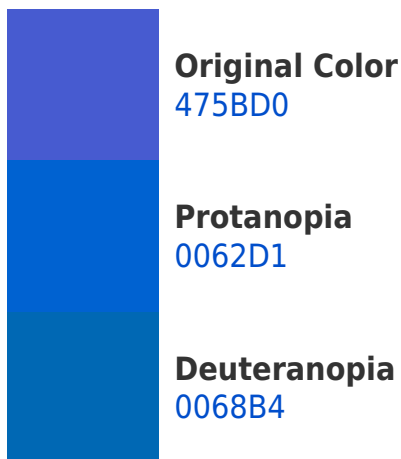


This preview shows how white text looks on a background with the Hex color 475BD0.

# 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](#).

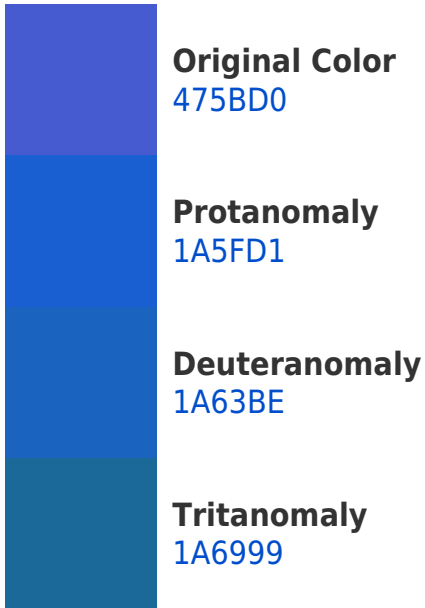
## Dichromacy





**Tritanopia**  
00717A

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 475BD0 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 #475BD0 looks like.

```
.text, #text, p{  
    color:#475BD0  
}
```

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 #475BD0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #475BD0  
}
```

## Border

The CSS property to change the border of an element to Hex 475BD0 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  
#475BD0 }
```

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

```
.border{ border-color:#475BD0 }
```

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

Here you see how a box with a 4 pixel #475BD0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #475BD0; -webkit-box-shadow:4px 4px  
4px 4px #475BD0; box-shadow:4px 4px 4px  
4px #475BD0 }
```

# Background

The CSS property to change the background color of an element to Hex 475BD0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#475BD0 }
```

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

```
.background{ background-color:#475BD0 }
```

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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