

Converting Colors

Hex(475DD6)

Have a look what the booklet for
Hex(475DD6) contains.

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Color

Hex(475DD6)

Conversions

Conversions Part 1	
Format	Color
Hex	475DD6
RGB	71, 93, 214
RGB Percent	28%, 36%, 84%
CMY	0.7216, 0.6353, 0.1608
CMYK	0.67, 0.57, 0.00, 0.16
HSL	231°, 64%, 56%
HSV	231°, 67%, 84%
XYZ	18.6505, 14.0233, 65.3421
YIQ	100.2160, -51.9530, 32.9670

Conversions

Conversions Part 2

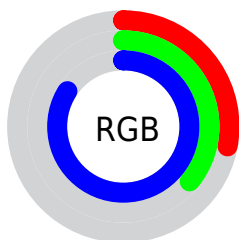
Format	Color
RYB	71, 90, 214
Decimal	4677078
CIELab	44.27, 30.78, -64.79
CIELCh	44, 71.730, 295.412
Yxy	14.0233, 0.1903, 0.1431
Android (android.graphics.Color)	4282867158 (0xFF475DD6)
YUV	100.2160, 56.0955, -25.6224
Hunter-Lab	37.4477, 23.3666, -77.2410

Details

The Hex color **475DD6** 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 **D6C047**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **868FFF**, and **00309E** is the 20% darker color. If you saturate the color by 10%, you get **324BD6**, and if you desaturate by 10%, it is **5C6FD6**.

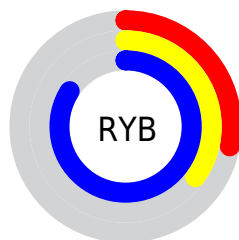
Distribution



Red (28%)

Green (36%)

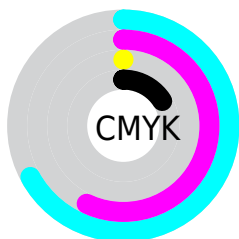
Blue (84%)



Red (28%)

Yellow (35%)

Blue (84%)

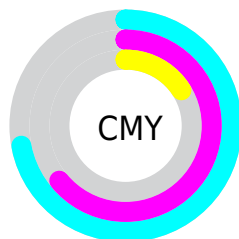


Cyan (67%)

Magenta (57%)

Yellow (0%)

Black (16%)



Cyan (72%)

Magenta (64%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color 475DD6 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 475DD6 by changing the saturation by 10% instead.



475DD6



475DD6

FFFFFF



1D46BA



868FFF



00309E



A4A9FF



001C83



C2C5FF



000869



E1E1FF



000650



FFFDFF



000538



000222



000008



000000

 475DD6

 475DD6

 324BD6

 5C6FD6

 1C39D6

 7281D6

 0727D6

 8793D6

 0021D6

 9DA5D6

 B2B8D6

 C7CAD6

 DDDCD6

 F2EED6

 FFFFD6

Harmonies

Analogous

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



0073E1



475DD6



A539AD

Triad

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



475DD6



B24700



00815D

Complementary

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



475DD6



D6C047

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.



007D1B



475DD6



876300

Square

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



475DD6



CB1F3A



4E7400



00829B

Rectangle

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



475DD6



C21A88



4E7400



008048

Sweetspot

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



475DD6



CCD4FF



47D6BE



616680



000000



808080

Same Dimension

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



475DD6



3352FF



7747D6



60626B



001AAB



00072B

Inverse Universe

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



D6475D



FF3352



A6D647



6B6062



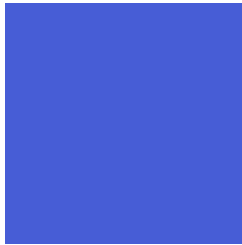
AB001A



2B0007

Previews

White Background



This preview shows how the Hex color 475DD6 looks on a white background.

Color Contrast Check

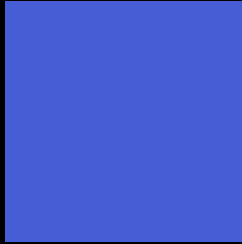
Large Text (above 18pt) WCAG AA ✓ Pass

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 475DD6 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

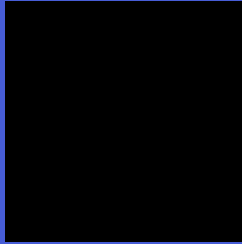
Any Text WCAG AA × Fail

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 475DD6 Background



This preview shows how black text looks on a background with the Hex color 475DD6.



This preview shows how white text looks on a background with the Hex color 475DD6.

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



Original Color

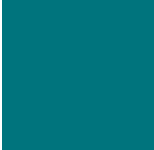
475DD6

Protanopia

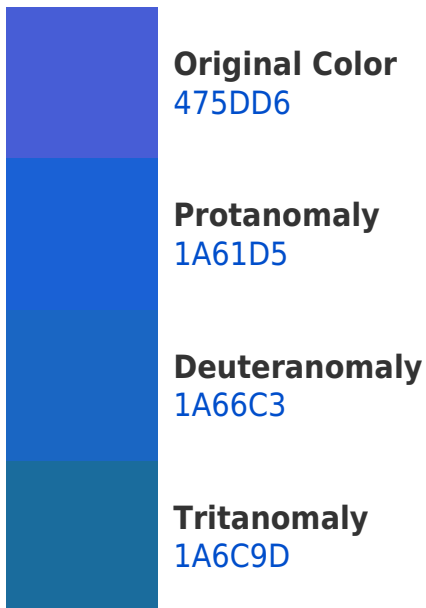
0064D5

Deuteranopia

006BB8



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 475DD6 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 #475DD6 looks like.

```
.text, #text, p{  
    color:#475DD6  
}
```


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 #475DD6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #475DD6
}
```

Border

The CSS property to change the border of an element to Hex 475DD6 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
#475DD6 }
```


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

```
.border{ border-color:#475DD6 }
```

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

Here you see how a box with a 4 pixel #475DD6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #475DD6; -webkit-box-shadow:4px 4px  
4px 4px #475DD6; box-shadow:4px 4px 4px  
4px #475DD6 }
```


Background

The CSS property to change the background color of an element to Hex 475DD6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#475DD6 }
```

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

```
.background{ background-color:#475DD6 }
```

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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