

Converting Colors

Hex(475DA7)

Have a look what the booklet for
Hex(475DA7) contains.

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Color

Hex(475DA7)

Conversions

Conversions Part 1

Format	Color
Hex	475DA7
RGB	71, 93, 167
RGB Percent	28%, 36%, 65%
CMY	0.7216, 0.6353, 0.3451
CMYK	0.57, 0.44, 0.00, 0.35
HSL	226°, 40%, 47%
HSV	226°, 57%, 65%
XYZ	13.4879, 11.9583, 38.1565
YIQ	94.8580, -36.8660, 18.3500

Conversions

Conversions Part 2

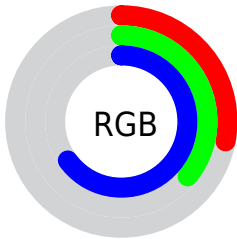
Format	Color
R_{YB}	71, 89, 167
Decimal	4677031
CIE _{Lab}	41.15, 14.46, -42.47
CIE _{LCh}	41, 44.866, 288.807
Yxy	11.9583, 0.2121, 0.1880
Android (android.graphics.Color)	4282867111 (0xFF475DA7)
YUV	94.8580, 35.5660, -20.9235
Hunter-Lab	34.5808, 9.1060, -41.2141

Details

The Hex color **475DA7** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **A79147**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **7F8FDF**, and **003072** is the 20% darker color. If you saturate the color by 10%, you get **3650A7**, and if you desaturate by 10%, it is **586AA7**.

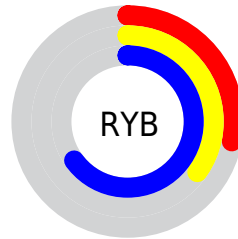
Distribution



Red (28%)

Green (36%)

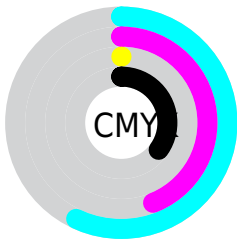
Blue (65%)



Red (28%)

Yellow (35%)

Blue (65%)

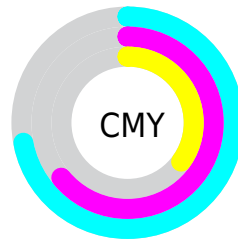


Cyan (57%)

Magenta (44%)

Yellow (0%)

Black (35%)



Cyan (72%)

Magenta (64%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 475DA7 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 475DA7 by changing the saturation by 10% instead.

■ 475DA7

■ 475DA7

FFFFFF

■ 29468C

■ 7F8FDF

■ 003072

■ 9AA9FB

■ 001C59

■ B7C5FF

■ 000042

■ D4E0FF

■ 00032B

■ F1FDFD

■ 000115

■ 000000

■ 475DA7

■ 475DA7

■ 3650A7

■ 586AA7

■ 2643A7

■ 6877A7

■ 1536A7

■ 7984A7

■ 042AA7

■ 8A90A7

■ 0026A7

■ 9B9DA7

■ ABAAA7

■ BCB7A7

■ CDC4A7

■ DDD1A7

Harmonies

Analogous

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



0069A9



475DA7



804D92

Triad

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



475DA7



984B2A



007252

Complementary

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



475DA7



A79147

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.



316E2E



475DA7



7F5A12

Square

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



475DA7



A43F4B



5E6612



007378

Rectangle

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



475DA7



96437C



5E6612



007145

Sweetspot

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



475DA7



B4BCD9



47A791



585D6E



EDEDED



6E6E6E

Same Dimension

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



475DA7



4365D9



6147A7



4C4E54



002294



000514

Inverse Universe

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



A7475D



D94365



8DA747



544C4E



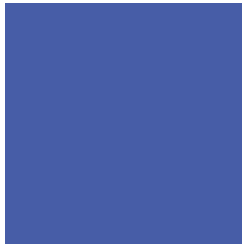
940022



140005

Previews

White Background



This preview shows how the Hex color 475DA7 looks on a white background.

Color Contrast Check

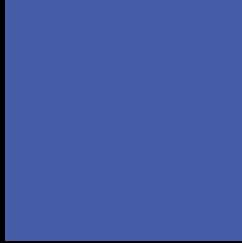
Large Text (above 18pt) WCAG AA ✓ Pass

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 475DA7 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 475DA7 Background



This preview shows how black text looks on a background with the Hex color 475DA7.

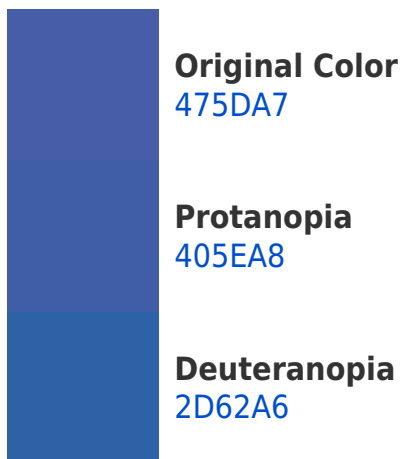



This preview shows how white text looks on a background with the Hex color 475DA7.

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](#).

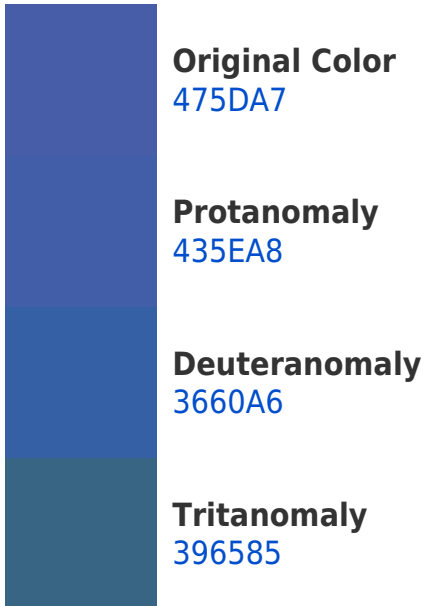
Dichromacy



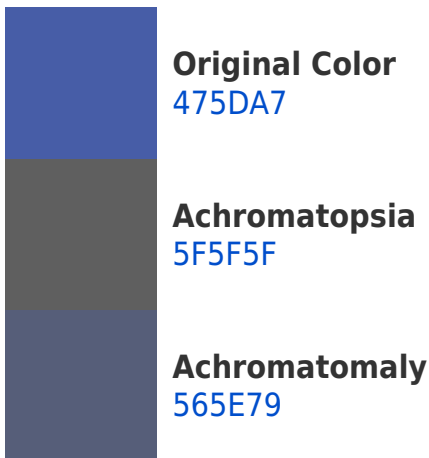


Tritanopia
316971

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 475DA7 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 #475DA7 looks like.

```
.text, #text, p{  
    color:#475DA7  
}
```

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 #475DA7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #475DA7  
}
```

Border

The CSS property to change the border of an element to Hex 475DA7 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  
#475DA7 }
```

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

```
.border{ border-color:#475DA7 }
```

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

Here you see how a box with a 4 pixel #475DA7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #475DA7; -webkit-box-shadow:4px 4px  
4px 4px #475DA7; box-shadow:4px 4px 4px  
4px #475DA7 }
```

Background

The CSS property to change the background color of an element to Hex 475DA7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#475DA7 }
```

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

```
.background{ background-color:#475DA7 }
```

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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