

Converting Colors

Hex(475C9A)

Have a look what the booklet for
Hex(475C9A) contains.

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Color

Hex(475C9A)

Conversions

Conversions Part 1

Format	Color
Hex	475C9A
RGB	71, 92, 154
RGB Percent	28%, 36%, 60%
CMY	0.7216, 0.6392, 0.3961
CMYK	0.54, 0.40, 0.00, 0.40
HSL	225°, 37%, 44%
HSV	225°, 54%, 60%
XYZ	12.2584, 11.3270, 32.1121
YIQ	92.7890, -32.4180, 14.8300

Conversions

Conversions Part 2

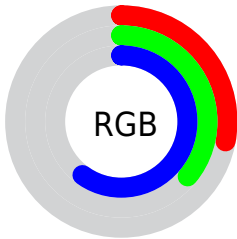
Format	Color
R_{YB}	71, 88, 154
Decimal	4676762
CIE _{Lab}	40.13, 10.70, -36.36
CIE _{LCh}	40, 37.900, 286.397
Yxy	11.3270, 0.2201, 0.2034
Android (android.graphics.Color)	4282866842 (0xFF475C9A)
YUV	92.7890, 30.1770, -19.1090
Hunter-Lab	33.6556, 6.1180, -33.0120

Details

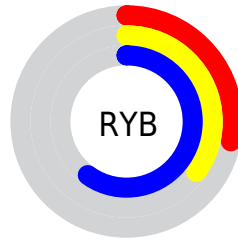
The Hex color **475C9A** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **9A8547**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **7D8ED1**, and **072F66** is the 20% darker color. If you saturate the color by 10%, you get **38509A**, and if you desaturate by 10%, it is **56689A**.

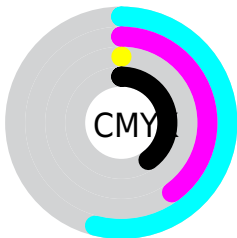
Distribution



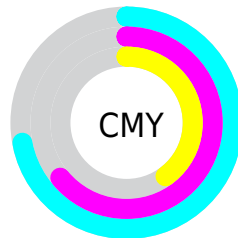
- Red (28%)
- Green (36%)
- Blue (60%)



- Red (28%)
- Yellow (35%)
- Blue (60%)



- Cyan (54%)
- Magenta (40%)
- Yellow (0%)
- Black (40%)



- Cyan (72%)
- Magenta (64%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 475C9A 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 475C9A by changing the saturation by 10% instead.

■ 475C9A

■ 475C9A

FFFFFF

■ 2B4580

■ 7D8ED1

■ 072F66

■ 98A8ED

■ 001B4E

■ B4C3FF

■ 000037

■ D1DFFF

■ 000221

■ EEFCFF

■ 000005

■ 000000

■ 475C9A

■ 475C9A

■ 38509A

■ 56689A

■ 28459A

■ 66739A

■ 19399A

■ 757F9A

■ 092E9A

■ 858A9A

■ 00279A

■ 94969A

■ A3A19A

■ B3AD9A

■ C2B89A

■ D2C49A

Harmonies

Analogous

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



00669A



475C9A



764F8A

Triad

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



475C9A



904C33



006D4F

Complementary

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



475C9A



9A8547

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.



3C6932



475C9A



7C5820

Square

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



475C9A



98444F



5F621F



006E6F

Rectangle

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



475C9A



8A4878



5F621F



166C45

Sweetspot

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



475C9A



A9B1C9



479A84



535866



E6E6E6



666666

Same Dimension

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



475C9A



4768C9



5A479A



45474D



00238C



00030D

Inverse Universe

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



9A475C



C94768



879A47



4D4547



8C0023



0D0003

Previews

White Background



This preview shows how the Hex color 475C9A looks on a white background.

Color Contrast Check

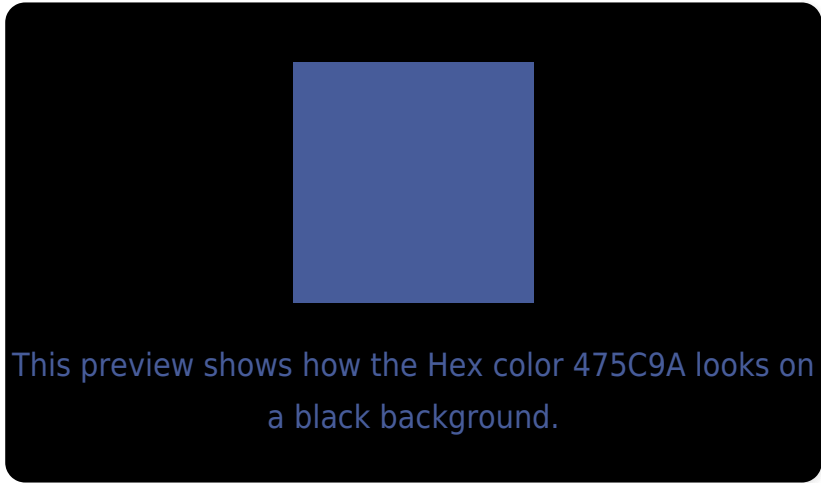
Large Text (above 18pt) WCAG AA ✓ Pass

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 475C9A Background



This preview shows how black text looks on a background with the Hex color 475C9A.



This preview shows how white text looks on a background with the Hex color 475C9A.

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

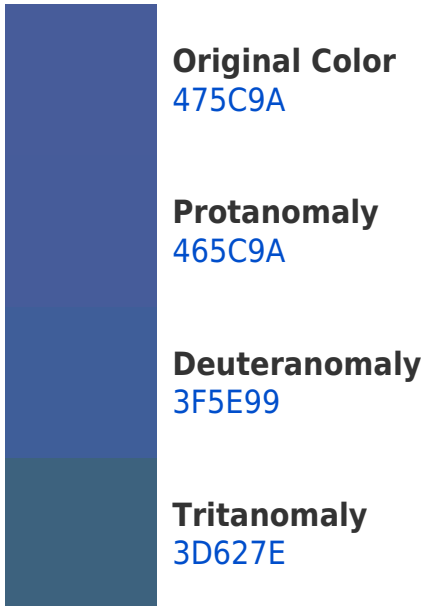


Original Color
475C9A

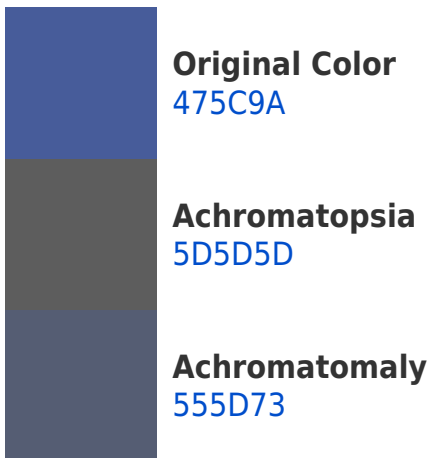
Protanopia
465C9A

Deuteranopia
3A5F99

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 475C9A 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 #475C9A looks like.

```
.text, #text, p{  
    color:#475C9A  
}
```

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 #475C9A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #475C9A
}
```

Border

The CSS property to change the border of an element to Hex 475C9A 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
#475C9A }
```

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

```
.border{ border-color:#475C9A }
```

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

Here you see how a box with a 4 pixel #475C9A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #475C9A; -webkit-box-shadow:4px 4px  
4px 4px #475C9A; box-shadow:4px 4px 4px  
4px #475C9A }
```

Background

The CSS property to change the background color of an element to Hex 475C9A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#475C9A }
```

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

```
.background{ background-color:#475C9A }
```

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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