

Converting Colors

Hex(475B9A)

Have a look what the booklet for
Hex(475B9A) contains.

| | |
|--|----|
| Hex(475B9A) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 11 |
| <i>Previews</i> | 23 |
| <i>Color Blindness Simulation</i> | 26 |
| <i>CSS Examples</i> | 29 |

Color

Hex(475B9A)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 475B9A |
| RGB | 71, 91, 154 |
| RGB Percent | 28%, 36%, 60% |
| CMY | 0.7216, 0.6431, 0.3961 |
| CMYK | 0.54, 0.41, 0.00, 0.40 |
| HSL | 226°, 37%, 44% |
| HSV | 226°, 54%, 60% |
| XYZ | 12.1724, 11.1549, 32.0834 |
| YIQ | 92.2020, -32.1430, 15.3530 |

Conversions

Conversions Part 2

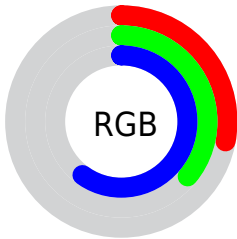
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 71, 87, 154 |
| Decimal | 4676506 |
| CIE _{Lab} | 39.84, 11.34, -36.81 |
| CIE _{LCh} | 40, 38.518, 287.119 |
| Yxy | 11.1549, 0.2197, 0.2013 |
| Android (android.graphics.Color) | 4282866586 (0xFF475B9A) |
| YUV | 92.2020, 30.4664, -18.5942 |
| Hunter-Lab | 33.3989, 6.6070, -33.5755 |

Details

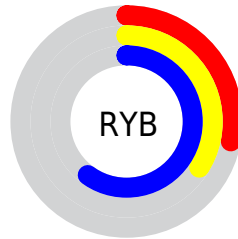
The Hex color **475B9A** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **9A8647**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **7D8DD1**, and **062E66** is the 20% darker color. If you saturate the color by 10%, you get **384F9A**, and if you desaturate by 10%, it is **56679A**.

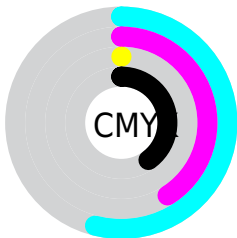
Distribution



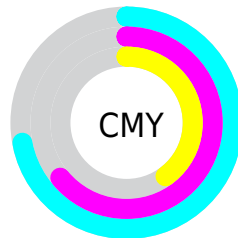
- Red (28%)
- Green (36%)
- Blue (60%)



- Red (28%)
- Yellow (34%)
- Blue (60%)



- Cyan (54%)
- Magenta (41%)
- Yellow (0%)
- Black (40%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 475B9A 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 475B9A by changing the saturation by 10% instead.



475B9A



475B9A

FFFFFF



2B4480



7D8DD1



062E66



98A7ED



001A4E



B4C2FF



000037



D1DEFF



000220



EEFBFF



000005



000000



475B9A



475B9A



384F9A



56679A

■ 28449A

■ 66729A

■ 19389A

■ 757E9A

■ 092C9A

■ 858A9A

■ 00259A

■ 94959A

■ A3A19A

■ B3AD9A

■ C2B99A

■ D2C49A

Harmonies

Analogous

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



00659B



475B9A



774E89

Triad

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



475B9A



8F4B31



006C4F

Complementary

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



475B9A



9A8647

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.



396931



475B9A



7B571E

Square

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



475B9A



98424D



5E621D



006D6F

Rectangle

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



475B9A



8A4677



5E621D



0F6C44

Sweetspot

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



475B9A



A9B1C9



479A85



535766



E6E6E6



666666

Same Dimension

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



475B9A



4766C9



5C479A



45474D



00228C



00030D

Inverse Universe

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



9A475B



C94766



859A47



4D4547



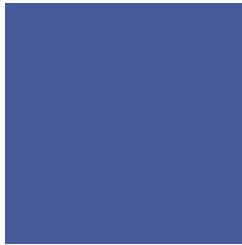
8C0022



0D0003

Previews

White Background



This preview shows how the Hex color 475B9A looks on a white background.

Color Contrast Check

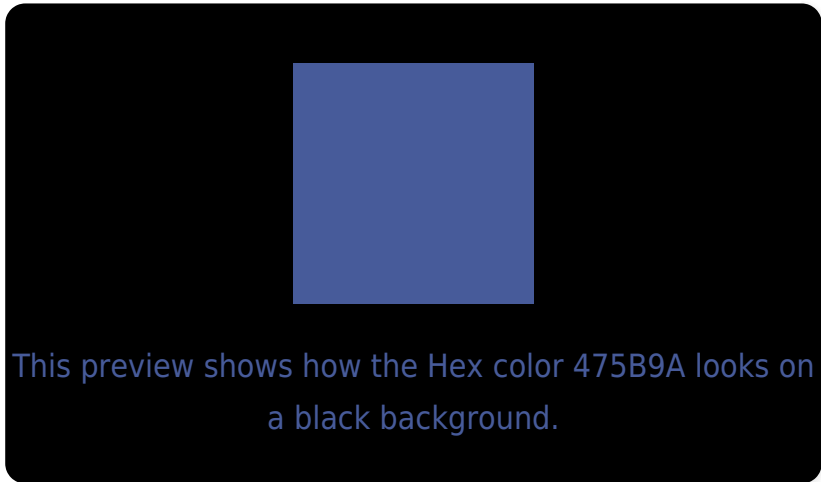
Large Text (above 18pt) WCAG AA ✓ Pass

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 475B9A Background



This preview shows how black text looks on a background with the Hex color 475B9A.



This preview shows how white text looks on a background with the Hex color 475B9A.

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


475B9A

Protanopia

445C9B

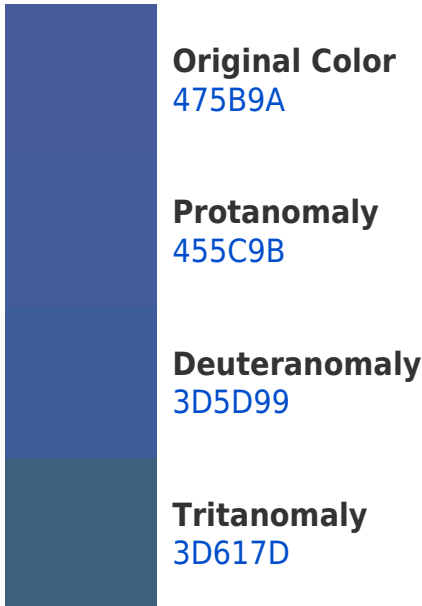
Deuteranopia

385E99



Tritanopia
37656D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 475B9A 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 #475B9A looks like.

```
.text, #text, p{  
    color:#475B9A  
}
```

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 #475B9A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #475B9A
}
```

Border

The CSS property to change the border of an element to Hex 475B9A 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".

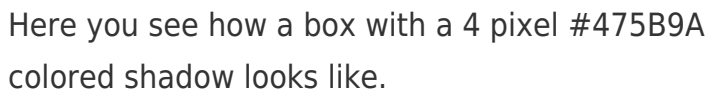
```
.border, #border, table{ border:4px solid
#475B9A }
```

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

```
.border{ border-color:#475B9A }
```

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

Here you see how a box with a 4 pixel #475B9A colored shadow looks like.

A rectangular box with a blue border and a blue shadow. The box is white with a blue border and a blue shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #475B9A; -webkit-box-shadow:4px 4px  
4px 4px #475B9A; box-shadow:4px 4px 4px  
4px #475B9A }
```

Background

The CSS property to change the background color of an element to Hex 475B9A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#475B9A }
```

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

```
.background{ background-color:#475B9A }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor