

Converting Colors

Hex(473F9A)

Have a look what the booklet for
Hex(473F9A) contains.

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Color

Hex(473F9A)

Conversions

Conversions Part 1

Format	Color
Hex	473F9A
RGB	71, 63, 154
RGB Percent	28%, 25%, 60%
CMY	0.7216, 0.7529, 0.3961
CMYK	0.54, 0.59, 0.00, 0.40
HSL	245°, 42%, 43%
HSV	245°, 59%, 60%
XYZ	10.2088, 7.2277, 31.4289
YIQ	75.7660, -24.4430, 29.9970

Conversions

Conversions Part 2

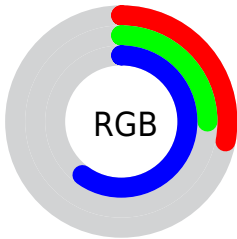
Format	Color
R_{YB}	71, 63, 154
Decimal	4669338
CIE _{Lab}	32.32, 29.40, -48.87
CIE _{LCh}	32, 57.028, 301.032
Yxy	7.2277, 0.2089, 0.1479
Android (android.graphics.Color)	4282859418 (0xFF473F9A)
YUV	75.7660, 38.5694, -4.1798
Hunter-Lab	26.8844, 20.7339, -50.4932

Details

The Hex color **473F9A** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **929A3F**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **7E6FD1**, and **001466** is the 20% darker color. If you saturate the color by 10%, you get **39309A**, and if you desaturate by 10%, it is **554E9A**.

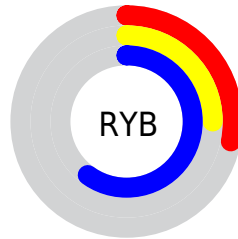
Distribution



 Red (28%)

 Green (25%)

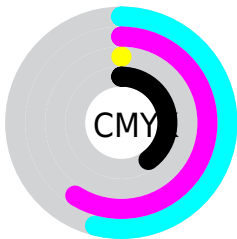
 Blue (60%)




 Red (28%)

 Yellow (25%)

 Blue (60%)

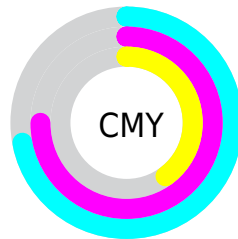


 Cyan (54%)

 Magenta (59%)

 Yellow (0%)

 Black (40%)



 Cyan (72%)

 Magenta (75%)

 Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 473F9A 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 473F9A by changing the saturation by 10% instead.

■ 473F9A

■ 473F9A

FFFFFF

■ 2A2980

■ 7E6FD1

■ 001466

■ 9A89EE

■ 00004D

■ B6A3FF

■ 000536

■ D3BEFF

■ 00021F

■ F0DAFF

■ 000003

■ FFF6FF

■ 000000

■ 473F9A

■ 473F9A

■ 39309A

■ 554E9A

■ 2B209A

■ 635E9A

■ 1D119A

■ 716D9A

■ 0F019A

■ 7F7D9A

■ 0E009A

■ 8D8C9A

■ 9B9B9A

■ A9AB9A

■ B7BA9A

■ C5CA9A

Harmonies

Analogous

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



0052A7



473F9A



812378

Triad

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



473F9A



7E3800



005F4C

Complementary

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



473F9A



929A3F

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.



005C1C



473F9A



5C4B00

Square

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



473F9A



941B21



2E5600



005F7A

Rectangle

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



473F9A



930C5C



2E5600



005E3D

Sweetspot

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



473F9A



A8A5C9



3F929A



525066



E6E6E6



666666

Same Dimension

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



473F9A



473AC9



743F9A



46454D



0C008C



01000D

Inverse Universe

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



9A3F92



C93ABD



659A3F



4D454C



8C0080



0D000C

Previews

White Background



This preview shows how the Hex color 473F9A looks on a white background.

Color Contrast Check

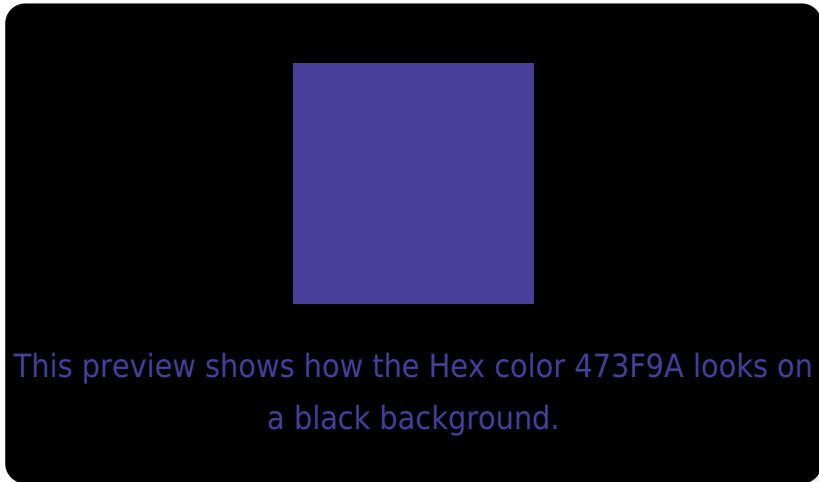
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

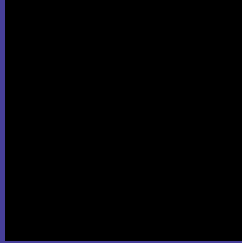
Any Text WCAG AA × Fail

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 473F9A Background



This preview shows how black text looks on a background with the Hex color 473F9A.



This preview shows how white text looks on a background with the Hex color 473F9A.

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
473F9A

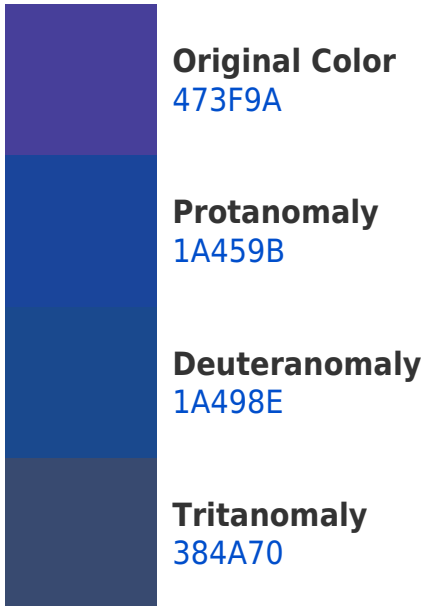
Protanopia
00499C

Deuteranopia
004E87

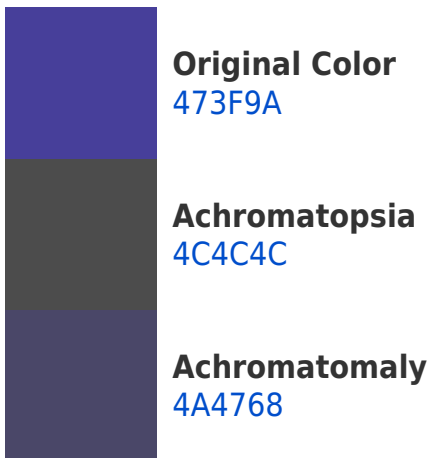


Tritanopia
305158

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 473F9A 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 #473F9A looks like.

```
.text, #text, p{  
    color:#473F9A  
}
```

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 #473F9A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #473F9A
}
```

Border

The CSS property to change the border of an element to Hex 473F9A 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".

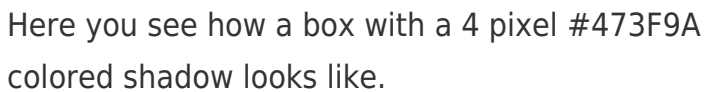
```
.border, #border, table{ border:4px solid
#473F9A }
```

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

```
.border{ border-color:#473F9A }
```

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

Here you see how a box with a 4 pixel #473F9A 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 #473F9A; -webkit-box-shadow:4px 4px  
4px 4px #473F9A; box-shadow:4px 4px 4px  
4px #473F9A }
```

Background

The CSS property to change the background color of an element to Hex 473F9A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#473F9A }
```

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

```
.background{ background-color:#473F9A }
```

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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