

Converting Colors

Hex(493379)

Have a look what the booklet for
Hex(493379) contains.

Hex(493379)	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>	28

Color

Hex(493379)

Conversions

Conversions Part 1

Format	Color
Hex	493379
RGB	73, 51, 121
RGB Percent	29%, 20%, 47%
CMY	0.7137, 0.8000, 0.5255
CMYK	0.40, 0.58, 0.00, 0.53
HSL	259°, 41%, 34%
HSV	259°, 58%, 47%
XYZ	7.3827, 5.1646, 18.6969
YIQ	65.5580, -9.3580, 26.4340

Conversions

Conversions Part 2

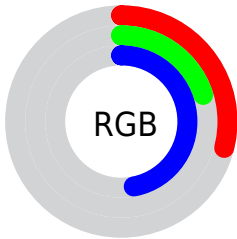
Format	Color
R_{YB}	73, 51, 121
Decimal	4797305
CIE _{Lab}	27.20, 27.13, -36.68
CIE _{LCh}	27, 45.629, 306.489
Yxy	5.1646, 0.2363, 0.1653
Android (android.graphics.Color)	4282987385 (0xFF493379)
YUV	65.5580, 27.3329, 6.5266
Hunter-Lab	22.7257, 18.2173, -32.8710

Details

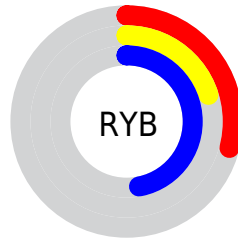
The Hex color **493379** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **637933**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **7D62AE**, and **160848** is the 20% darker color. If you saturate the color by 10%, you get **412779**, and if you desaturate by 10%, it is **513F79**.

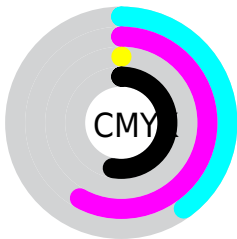
Distribution



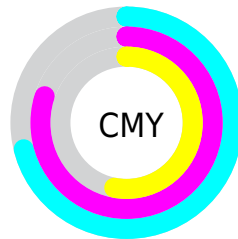
- Red (29%)
- Green (20%)
- Blue (47%)



- Red (29%)
- Yellow (20%)
- Blue (47%)



- Cyan (40%)
- Magenta (58%)
- Yellow (0%)
- Black (53%)



- Cyan (71%)
- Magenta (80%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 493379 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 493379 by changing the saturation by 10% instead.

493379

493379

FFFFFF

301D60

7D62AE

160848

977BCA

000031

B395E6

00011B

CFB0FF

000000

ECCCFE

FFE8FF

493379

493379

412779

513F79

■ 381B79

■ 5A4B79

■ 300F79

■ 625779

■ 280379

■ 6A6379

■ 260079

■ 726F79

■ 7B7C79

■ 838879

■ 8B9479

■ 94A079

Harmonies

Analogous

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



004286



493379



6F1F5D

Triad

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



493379



653400



004F47

Complementary

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



493379



637933

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.



004E22



493379



494100

Square

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



493379



782218



224900



004F69

Rectangle

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



493379



7A1646



224900



004F3B

Sweetspot

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



493379



8C839E



336479



443F4F



CFCFCF



4F4F4F

Same Dimension

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



493379



53319E



6B3379



39373D



27007D



4F00FC

Inverse Universe

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



793363



9E317C



417933



3D373B



7D0056



FC00AD

Previews

White Background



This preview shows how the Hex color 493379 looks on a white background.

Color Contrast Check

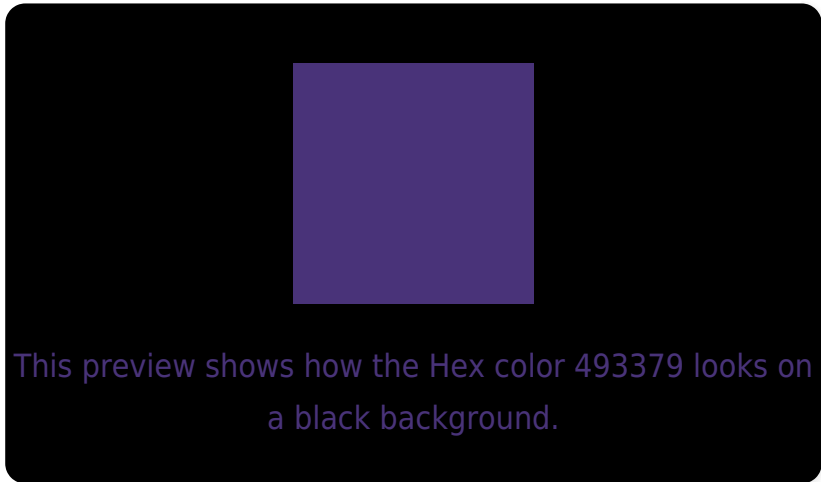
Large Text (above 18pt) WCAG AA ✓ Pass

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

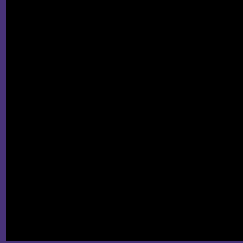
Any Text WCAG AA × Fail

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 493379 Background



This preview shows how black text looks on a background with the Hex color 493379.

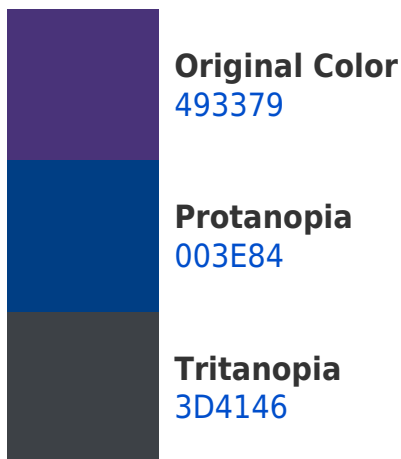


This preview shows how white text looks on a background with the Hex color 493379.

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



Trichromacy

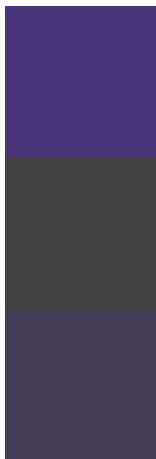


Original Color
493379

Protanomaly
1B3A80

Tritanomaly
413C59

Monochromacy



Original Color
493379

Achromatopsia
424242

Achromatomaly
453D56

CSS Examples

Text

The CSS property to change the color of the text to Hex 493379 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 #493379 looks like.

```
.text, #text, p{  
    color:#493379  
}
```

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 #493379 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #493379
}
```

Border

The CSS property to change the border of an element to Hex 493379 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
#493379 }
```

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

```
.border{ border-color:#493379 }
```

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

Here you see how a box with a 4 pixel #493379 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #493379; -webkit-box-shadow:4px 4px  
4px 4px #493379; box-shadow:4px 4px 4px  
4px #493379 }
```

Background

The CSS property to change the background color of an element to Hex 493379 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#493379 }
```

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

```
.background{ background-color:#493379 }
```

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