

# Converting Colors

Hex(493581)

Have a look what the booklet for  
Hex(493581) contains.

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# Color

**Hex(493581)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	493581
RGB	73, 53, 129
RGB Percent	29%, 21%, 51%
CMY	0.7137, 0.7922, 0.4941
CMYK	0.43, 0.59, 0.00, 0.49
HSL	256°, 42%, 36%
HSV	256°, 59%, 51%
XYZ	7.9832, 5.5477, 21.4189
YIQ	67.6440, -12.4760, 27.8760

# Conversions

## Conversions Part 2

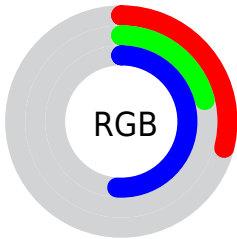
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	73, 53, 129
Decimal	4797825
CIE <sub>Lab</sub>	28.24, 28.27, -40.04
CIE <sub>LCh</sub>	28, 49.015, 305.228
Yxy	5.5477, 0.2284, 0.1587
Android (android.graphics.Color)	4282987905 (0xFF493581)
YUV	67.6440, 30.2485, 4.6972
Hunter-Lab	23.5535, 19.2822, -37.4294

# Details

The Hex color **493581** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **6D8135**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **7D64B7**, and **130A4F** is the 20% darker color. If you saturate the color by 10%, you get **3F2881**, and if you desaturate by 10%, it is **534281**.

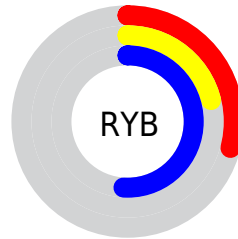
# Distribution



 Red (29%)

 Green (21%)

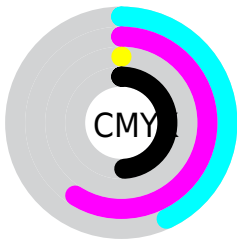
 Blue (51%)




 Red (29%)

 Yellow (21%)

 Blue (51%)

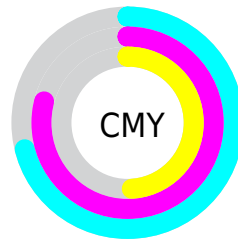


 Cyan (43%)


 Magenta (59%)

 Yellow (0%)

 Black (49%)



 Cyan (71%)

 Magenta (79%)

 Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 493581 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 493581 by changing the saturation by 10% instead.





493581



493581

FFFFFF



2F1F67



7D64B7



130A4F



987ED2



000038



B498EF



000221



D0B3FF



000006



EDCEFF



000000



FFEBFF



493581



493581



3F2881



534281

■ 361B81

■ 5C4F81

■ 2C0E81

■ 665C81

■ 230181

■ 6F6981

■ 220081

■ 797681

■ 828281

■ 8C8F81

■ 959C81

■ 9FA981

# Harmonies

## Analogous

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



00458F



493581



741E63

# Triad

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



493581



6A3400



005348

# Complementary

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



493581



6D8135

# 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.



005121



493581



4D4300

# Square

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



493581



7E2019



244C00



00526E

# Rectangle

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



493581



81114A



244C00



00523B



# Sweetspot

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



493581



928AA8



356E81



474254



D4D4D4



545454



# Same Dimension

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



493581



5031A8



6E3581



3B3940



220080



000000



# Inverse Universe

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



81356D



A83189



488135



40393E



80005E



000000



# Previews

## White Background



This preview shows how the Hex color 493581 looks on a white background.

## Color Contrast Check

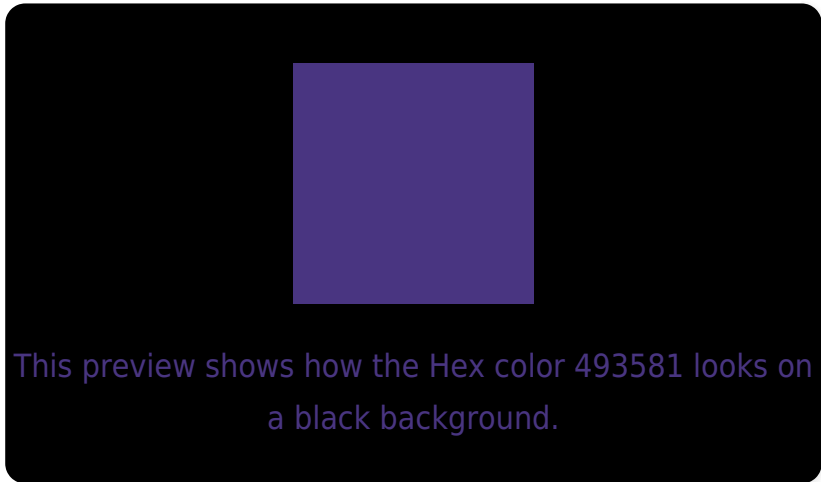
Large Text (above 18pt) WCAG AA ✓ Pass

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

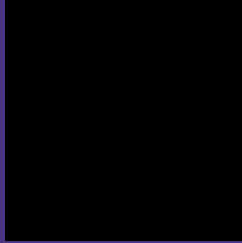
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 493581 Background



This preview shows how black text looks on a background with the Hex color 493581.

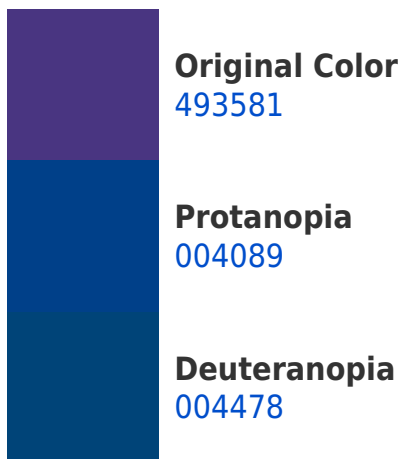


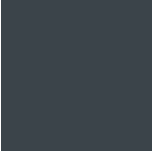
This preview shows how white text looks on a background with the Hex color 493581.

# 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**  
3B444A

# Trichromacy



**Original Color**  
493581

**Protanomaly**  
1B3C86

**Deuteranomaly**  
1B3F7B

**Tritanomaly**  
403F5E

# Monochromacy



**Original Color**  
493581

**Achromatopsia**  
444444

**Achromatomaly**  
463F5A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 493581 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 #493581 looks like.

```
.text, #text, p{  
    color:#493581  
}
```

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 #493581 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #493581
}
```

## Border

The CSS property to change the border of an element to Hex 493581 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
#493581 }
```

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

```
.border{ border-color:#493581 }
```

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

Here you see how a box with a 4 pixel #493581 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #493581; -webkit-box-shadow:4px 4px  
4px 4px #493581; box-shadow:4px 4px 4px  
4px #493581 }
```

# Background

The CSS property to change the background color of an element to Hex 493581 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#493581 }
```

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

```
.background{ background-color:#493581 }
```

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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