

# Converting Colors

Hex(493368)

Have a look what the booklet for  
Hex(493368) contains.

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# Color

**Hex(493368)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	493368
RGB	73, 51, 104
RGB Percent	29%, 20%, 41%
CMY	0.7137, 0.8000, 0.5922
CMYK	0.30, 0.51, 0.00, 0.59
HSL	265°, 34%, 30%
HSV	265°, 51%, 41%
XYZ	6.4302, 4.7836, 13.6811
YIQ	63.6200, -3.9010, 21.1470

# Conversions

## Conversions Part 2

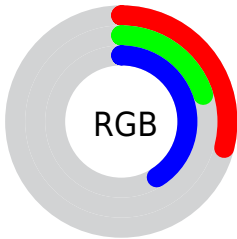
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	73, 51, 104
Decimal	4797288
CIE <sub>Lab</sub>	26.11, 22.23, -27.57
CIE <sub>LCh</sub>	26, 35.416, 308.878
Yxy	4.7836, 0.2583, 0.1922
Android (android.graphics.Color)	4282987368 (0xFF493368)
YUV	63.6200, 19.9073, 8.2263
Hunter-Lab	21.8714, 14.2037, -21.7774

# Details

The Hex color **493368** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **526833**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **7B629C**, and **1A0838** is the 20% darker color. If you saturate the color by 10%, you get **432968**, and if you desaturate by 10%, it is **4F3D68**.

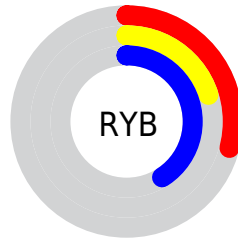
# Distribution



Red (29%)

Green (20%)

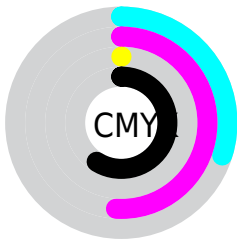
Blue (41%)



Red (29%)

Yellow (20%)

Blue (41%)

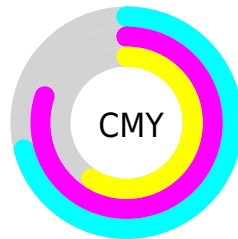


Cyan (30%)

Magenta (51%)

Yellow (0%)

Black (59%)



Cyan (71%)

Magenta (80%)

Yellow (59%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 493368 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 493368 by changing the saturation by 10% instead.



■ 493368

■ 493368

FFFFFF

■ 311D50

■ 7B629C

■ 1A0838

■ 967BB7

■ 000023

■ B195D2

■ 000009

■ CCB0EF

■ 000000

■ E9CBFF

■ FFE7FF

■ 493368

■ 493368

■ 432968

■ 4F3D68

■ 3D1E68

■ 554868

■ 371468

■ 5B5268

■ 310968

■ 615D68

■ 2B0068

■ 676768

■ 6D7168

■ 747C68

■ 7A8668

■ 809168

# Harmonies

## Analogous

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



0A3E73



493368



642752

# Triad

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



493368



5A3507



004A45

# Complementary

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



493368



526833

# 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.



004929



493368



443F00

# Square

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



493368



6A2A1D



274610



004A5F

# Rectangle

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



493368



6C2340



274610



004A3C



# Sweetspot

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



493368



7B7387



335368



3E3845



C4C4C4



454545



# Same Dimension

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



493368



573587



633368



302E33



300073



6500F2



# Inverse Universe

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



683352



873565



386833



332E31



730043



F2008E



# Previews

## White Background



This preview shows how the Hex color 493368 looks on a white background.

## Color Contrast Check

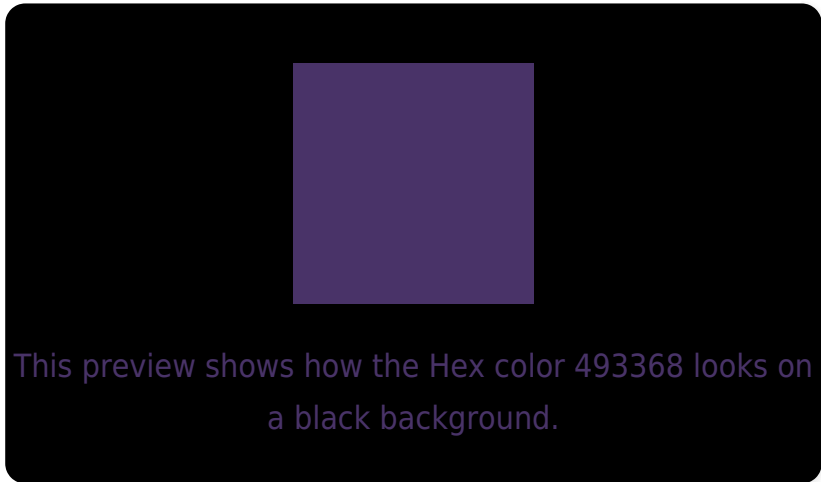
Large Text (above 18pt) WCAG AA ✓ Pass

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

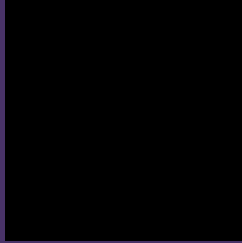
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 493368 Background



This preview shows how black text looks on a background with the Hex color 493368.



This preview shows how white text looks on a background with the Hex color 493368.

# 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**  
493368

**Protanopia**  
243C71

**Deuteranopia**  
253E66



**Tritanopia**  
423C41

# Trichromacy



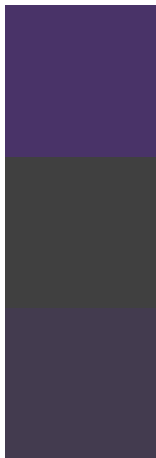
**Original Color**  
493368

**Protanomaly**  
31396E

**Deuteranomaly**  
323A67

**Tritanomaly**  
45394F

# Monochromacy



**Original Color**  
493368

**Achromatopsia**  
404040

**Achromatomaly**  
433B4F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 493368 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 #493368 looks like.

```
.text, #text, p{  
    color:#493368  
}
```

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 #493368 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #493368
}
```

## Border

The CSS property to change the border of an element to Hex 493368 is called "border". The border property can be set on classes, ids or directly on the HTML element.

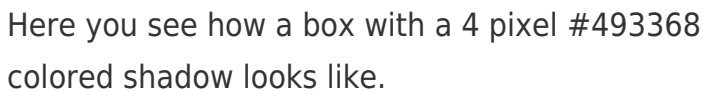
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#493368 }
```

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

```
.border{ border-color:#493368 }
```

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



Here you see how a box with a 4 pixel #493368 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #493368; -webkit-box-shadow:4px 4px  
4px 4px #493368; box-shadow:4px 4px 4px  
4px #493368 }
```

# Background

The CSS property to change the background color of an element to Hex 493368 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#493368 }
```

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

```
.background{ background-color:#493368 }
```

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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