

Converting Colors

Hex(493161)

Have a look what the booklet for
Hex(493161) contains.

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Color

Hex(493161)

Conversions

Conversions Part 1

Format	Color
Hex	493161
RGB	73, 49, 97
RGB Percent	29%, 19%, 38%
CMY	0.7137, 0.8078, 0.6196
CMYK	0.25, 0.49, 0.00, 0.62
HSL	270°, 33%, 29%
HSV	270°, 49%, 38%
XYZ	6.0036, 4.4762, 11.8568
YIQ	61.6480, -1.1040, 20.0160

Conversions

Conversions Part 2

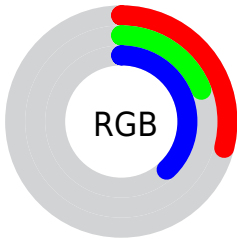
Format	Color
R_{YB}	73, 49, 97
Decimal	4796769
CIE _{Lab}	25.19, 21.60, -24.49
CIE _{LCh}	25, 32.655, 311.402
Yxy	4.4762, 0.2688, 0.2004
Android (android.graphics.Color)	4282986849 (0xFF493161)
YUV	61.6480, 17.4285, 9.9557
Hunter-Lab	21.1569, 13.6277, -18.4176

Details

The Hex color **493161** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **496131**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **7B6094**, and **1B0532** is the 20% darker color. If you saturate the color by 10%, you get **442761**, and if you desaturate by 10%, it is **4E3B61**.

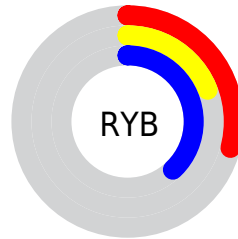
Distribution



Red (29%)

Green (19%)

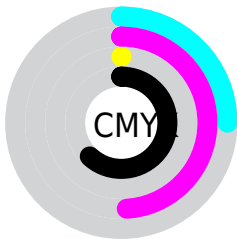
Blue (38%)



Red (29%)

Yellow (19%)

Blue (38%)

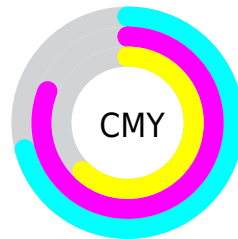


Cyan (25%)

Magenta (49%)

Yellow (0%)

Black (62%)



Cyan (71%)

Magenta (81%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 493161 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 493161 by changing the saturation by 10% instead.

■ 493161

■ 493161

FFFFFF

■ 311B49

■ 7B6094

■ 1B0532

■ 9579AF

■ 00011D

■ B093CA

■ 000000

■ CCADE6

■ E8C9FF

■ FFE5FF

■ 493161

■ 493161

■ 442761

■ 4E3B61

■ 3F1E61

■ 534461

■ 3A1461

■ 584E61

■ 360A61

■ 5C5861

■ 310161

■ 616261

■ 310061

■ 666B61

■ 6B7561

■ 707F61

■ 758861

Harmonies

Analogous

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



1A3B6C



493161



60274C

Triad

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



493161



55350A



004745

Complementary

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



493161



496131

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.



00462B



493161



403D05

Square

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



493161



642B1C



244314



00465C

Rectangle

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



493161



67243C



244314



00473C

Sweetspot

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



493161



746A7D



314961



3A3440



BFBFBF



404040

Same Dimension

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



493161



58337D



613161



2E2C30



380070



7800F0

Inverse Universe

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



613149



7D3358



316131



302C2E



700038



F00078

Previews

White Background



This preview shows how the Hex color 493161 looks on a white background.

Color Contrast Check

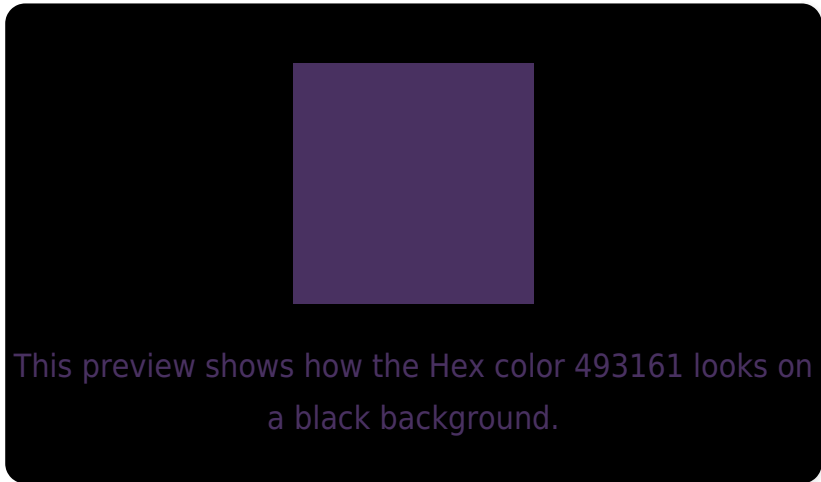
Large Text (above 18pt) WCAG AA ✓ Pass

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

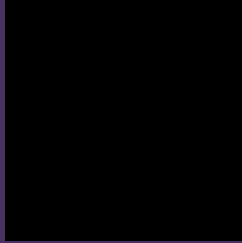
Any Text WCAG AA × Fail

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 493161 Background



This preview shows how black text looks on a background with the Hex color 493161.



This preview shows how white text looks on a background with the Hex color 493161.

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](#).

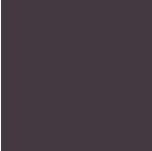
Dichromacy



Original Color
493161

Protanopia
263B6A

Deuteranopia
293C5F



Tritanopia
43393E

Trichromacy



Original Color
493161

Protanomaly
333767

Deuteranomaly
353860

Tritanomaly
45364B

Monochromacy



Original Color
493161

Achromatopsia
3E3E3E

Achromatomaly
42394B

CSS Examples

Text

The CSS property to change the color of the text to Hex 493161 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 #493161 looks like.

```
.text, #text, p{  
    color:#493161  
}
```

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 #493161 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #493161
}
```

Border

The CSS property to change the border of an element to Hex 493161 is called "border". The border property can be set on classes, ids or directly on the HTML element.

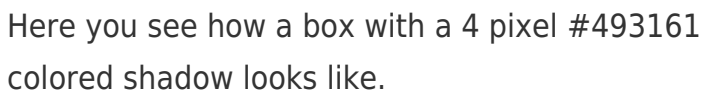
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#493161 }
```

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

```
.border{ border-color:#493161 }
```

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



Here you see how a box with a 4 pixel #493161 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #493161; -webkit-box-shadow:4px 4px  
4px 4px #493161; box-shadow:4px 4px 4px  
4px #493161 }
```

Background

The CSS property to change the background color of an element to Hex 493161 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#493161 }
```

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

```
.background{ background-color:#493161 }
```

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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