

Converting Colors

Hex(493B90)

Have a look what the booklet for
Hex(493B90) contains.

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Color

Hex(493B90)

Conversions

Conversions Part 1

Format	Color
Hex	493B90
RGB	73, 59, 144
RGB Percent	29%, 23%, 56%
CMY	0.7137, 0.7686, 0.4353
CMYK	0.49, 0.59, 0.00, 0.44
HSL	250°, 42%, 40%
HSV	250°, 59%, 56%
XYZ	9.3457, 6.5580, 27.1588
YIQ	72.8760, -18.9410, 29.4030

Conversions

Conversions Part 2

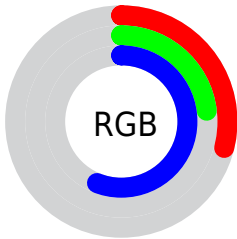
Format	Color
RYB	73, 59, 144
Decimal	4799376
CIELab	30.78, 29.15, -45.24
CIELCh	31, 53.818, 302.789
Yxy	6.5580, 0.2170, 0.1523
Android (android.graphics.Color)	4282989456 (0xFF493B90)
YUV	72.8760, 35.0641, 0.1087
Hunter-Lab	25.6086, 20.3271, -44.9530

Details

The Hex color **493B90** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **82903B**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **7F6BC7**, and **0C105D** is the 20% darker color. If you saturate the color by 10%, you get **3D2D90**, and if you desaturate by 10%, it is **554990**.

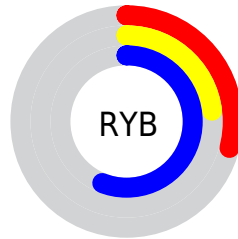
Distribution



Red (29%)

Green (23%)

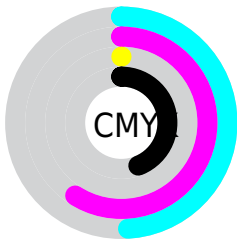
Blue (56%)



Red (29%)

Yellow (23%)

Blue (56%)

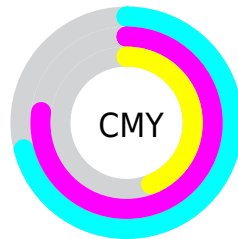


Cyan (49%)

Magenta (59%)

Yellow (0%)

Black (44%)



Cyan (71%)

Magenta (77%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 493B90 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 493B90 by changing the saturation by 10% instead.

 493B90

 493B90

FFFFFF


 2E2576

 7F6BC7

 0C105D

 9A84E3

 000045

 B69EFF

 00032D

 D3BAFF

 000118

 F0D5FF

 000000

 FFF2FF

 493B90

 493B90

 3D2D90

 554990

■ 311E90

■ 615890

■ 251090

■ 6D6690

■ 190190

■ 797590

■ 180090

■ 858390

■ 919190

■ 9DA090

■ A9AE90

■ B5BD90

Harmonies

Analogous

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



004D9E



493B90



7C2170

Triad

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



493B90



763700



005A4B

Complementary

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



493B90



82903B

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.



00581F



493B90



564800

Square

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



493B90



8C1E1E



2A5300



005A75

Rectangle

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



493B90



8C0F54



2A5300



005A3D

Sweetspot

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



493B90



9E99BA



3B8390



4D4A5E



DEDEDE



5E5E5E

Same Dimension

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



493B90



4C36BA



723B90



414047



160087



010008

Inverse Universe

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



903B82



BA36A4



59903B



474046



870071



080006

Previews

White Background



This preview shows how the Hex color 493B90 looks on a white background.

Color Contrast Check

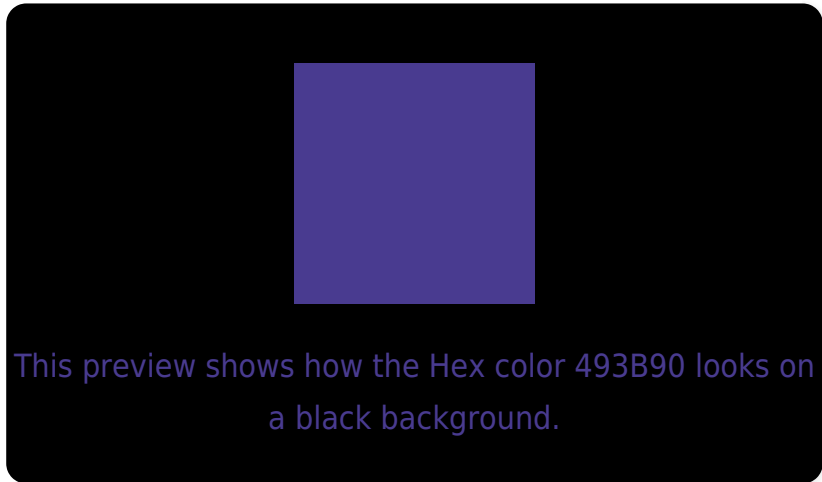
Large Text (above 18pt) WCAG AA ✓ Pass

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

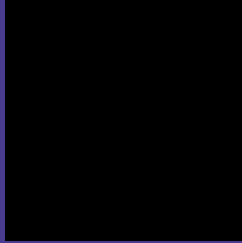
Any Text WCAG AA × Fail

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 493B90 Background



This preview shows how black text looks on a background with the Hex color 493B90.

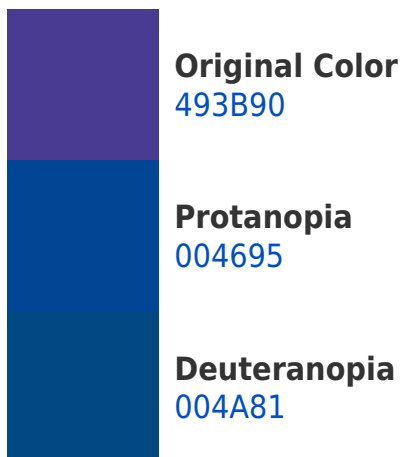


This preview shows how white text looks on a background with the Hex color 493B90.

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
374C52

Trichromacy



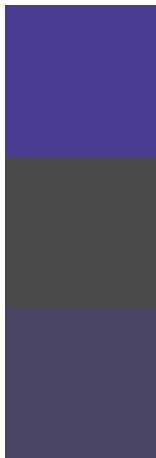
Original Color
493B90

Protanomaly
1B4293

Deuteranomaly
1B4586

Tritanomaly
3E4669

Monochromacy



Original Color
493B90

Achromatopsia
494949

Achromatomaly
494463

CSS Examples

Text

The CSS property to change the color of the text to Hex 493B90 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 #493B90 looks like.

```
.text, #text, p{  
    color:#493B90  
}
```

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 #493B90 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #493B90
}
```

Border

The CSS property to change the border of an element to Hex 493B90 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
#493B90 }
```

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

```
.border{ border-color:#493B90 }
```

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

Here you see how a box with a 4 pixel #493B90 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #493B90; -webkit-box-shadow:4px 4px  
4px 4px #493B90; box-shadow:4px 4px 4px  
4px #493B90 }
```

Background

The CSS property to change the background color of an element to Hex 493B90 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#493B90 }
```

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

```
.background{ background-color:#493B90 }
```

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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