

Converting Colors

Hex(493772)

Have a look what the booklet for
Hex(493772) contains.

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Color

Hex(493772)

Conversions

Conversions Part 1

Format	Color
Hex	493772
RGB	73, 55, 114
RGB Percent	29%, 22%, 45%
CMY	0.7137, 0.7843, 0.5529
CMYK	0.36, 0.52, 0.00, 0.55
HSL	258°, 35%, 33%
HSV	258°, 52%, 45%
XYZ	7.1511, 5.3637, 16.5780
YIQ	67.1080, -8.2110, 22.1650

Conversions

Conversions Part 2

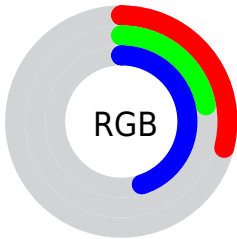
Format	Color
R_{YB}	73, 55, 114
Decimal	4798322
CIE _{Lab}	27.75, 22.52, -31.37
CIE _{LCh}	28, 38.614, 305.669
Yxy	5.3637, 0.2458, 0.1844
Android (android.graphics.Color)	4282988402 (0xFF493772)
YUV	67.1080, 23.1178, 5.1673
Hunter-Lab	23.1598, 14.5863, -26.2285

Details

The Hex color **493772** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **607237**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **7C66A6**, and **180D41** is the 20% darker color. If you saturate the color by 10%, you get **412C72**, and if you desaturate by 10%, it is **514272**.

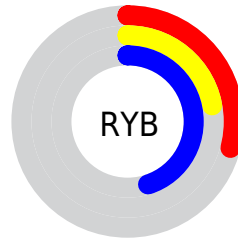
Distribution



Red (29%)

Green (22%)

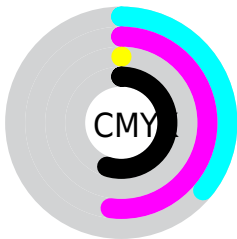
Blue (45%)



Red (29%)

Yellow (22%)

Blue (45%)

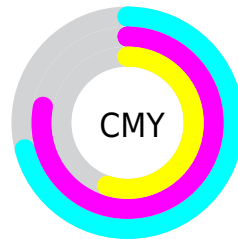


Cyan (36%)

Magenta (52%)

Yellow (0%)

Black (55%)



Cyan (71%)

Magenta (78%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 493772 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 493772 by changing the saturation by 10% instead.

■ 493772

■ 493772

FFFFFF

■ 312159

■ 7C66A6

■ 180D41

■ 967FC2

■ 00002B

■ B29ADE

■ 000115

■ CDB4FA

■ 000000

■ EAD0FF

■ FFECFF

■ 493772

■ 493772

■ 412C72

■ 514272

■ 392072

■ 594E72

■ 311572

■ 615972

■ 290972

■ 696572

■ 230072

■ 717072

■ 797B72

■ 808772

■ 889272

■ 909E72

Harmonies

Analogous

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



00437D



493772



69295A

Triad

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



493772



633707



004F46

Complementary

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



493772



607237

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.



004E28



493772



4B4200

Square

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



493772



722A21



2B490B



004F63

Rectangle

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



493772



742347



2B490B



004F3C

Sweetspot

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



493772



837C94



376072



403C4A



C9C9C9



4A4A4A

Same Dimension

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



493772



543894



663772



343238



250078



4B00F7

Inverse Universe

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



723760



943878



437237



383236



780053



F700AC

Previews

White Background



This preview shows how the Hex color 493772 looks on a white background.

Color Contrast Check

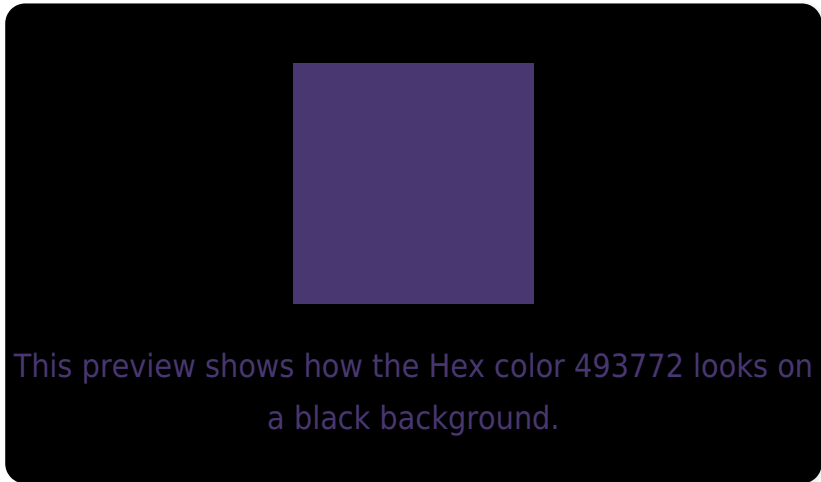
Large Text (above 18pt) WCAG AA ✓ Pass

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

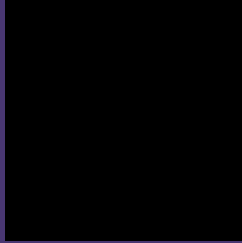
Any Text WCAG AA × Fail

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 493772 Background



This preview shows how black text looks on a background with the Hex color 493772.

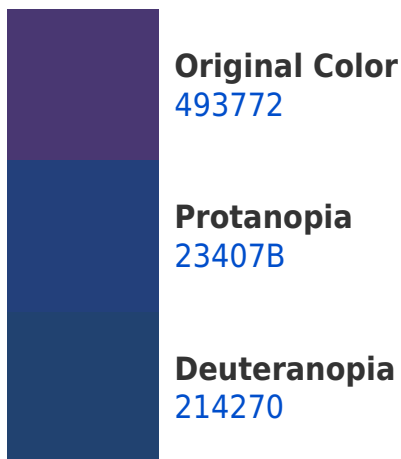


This preview shows how white text looks on a background with the Hex color 493772.

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
404247

Trichromacy



Original Color
493772

Protanomaly
313D78

Deuteranomaly
303E71

Tritanomaly
433E57

Monochromacy



Original Color
493772

Achromatopsia
434343

Achromatomaly
453F54

CSS Examples

Text

The CSS property to change the color of the text to Hex 493772 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 #493772 looks like.

```
.text, #text, p{  
    color:#493772  
}
```

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 #493772 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #493772
}
```

Border

The CSS property to change the border of an element to Hex 493772 is called "border". The border property can be set on classes, ids or directly on the HTML element.

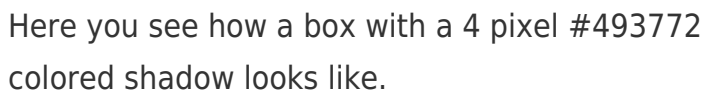
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#493772 }
```

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

```
.border{ border-color:#493772 }
```

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



Here you see how a box with a 4 pixel #493772 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #493772; -webkit-box-shadow:4px 4px  
4px 4px #493772; box-shadow:4px 4px 4px  
4px #493772 }
```

Background

The CSS property to change the background color of an element to Hex 493772 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#493772 }
```

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

```
.background{ background-color:#493772 }
```

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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