

Converting Colors

Hex(493E70)

Have a look what the booklet for
Hex(493E70) contains.

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Color

Hex(493E70)

Conversions

Conversions Part 1

Format	Color
Hex	493E70
RGB	73, 62, 112
RGB Percent	29%, 24%, 44%
CMY	0.7137, 0.7569, 0.5608
CMYK	0.35, 0.45, 0.00, 0.56
HSL	253°, 29%, 34%
HSV	253°, 45%, 44%
XYZ	7.3949, 6.0316, 16.1037
YIQ	70.9890, -9.4940, 17.8820

Conversions

Conversions Part 2

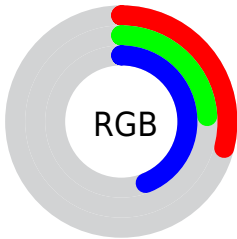
Format	Color
R_{YB}	73, 62, 112
Decimal	4800112
CIE _{Lab}	29.49, 17.37, -27.33
CIE _{LCh}	29, 32.383, 302.431
Yxy	6.0316, 0.2504, 0.2043
Android (android.graphics.Color)	4282990192 (0xFF493E70)
YUV	70.9890, 20.2184, 1.7636
Hunter-Lab	24.5593, 10.7685, -21.6854

Details

The Hex color **493E70** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **65703E**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **7B6EA4**, and **191440** is the 20% darker color. If you saturate the color by 10%, you get **403370**, and if you desaturate by 10%, it is **524970**.

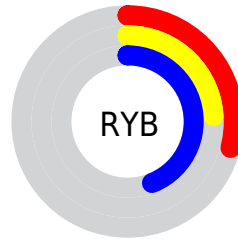
Distribution



 Red (29%)

 Green (24%)

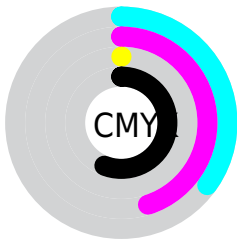
 Blue (44%)



 Red (29%)

 Yellow (24%)

 Blue (44%)

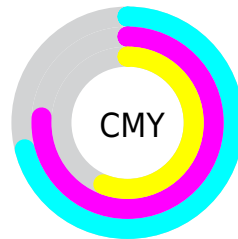


 Cyan (35%)

 Magenta (45%)

 Yellow (0%)

 Black (56%)



 Cyan (71%)

 Magenta (76%)

 Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 493E70 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 493E70 by changing the saturation by 10% instead.

■ 493E70

■ 493E70

FFFFFF

■ 312857

■ 7B6EA4

■ 191440

■ 9687BF

■ 04002A

■ B1A1DB

■ 000114

■ CDBC F8

■ 000000

■ E9D8FF

■ FFF5FF

■ 493E70

■ 493E70

■ 403370

■ 524970

■ 382870

■ 5A5470

■ 2F1C70

■ 636070

■ 261170

■ 6C6B70

■ 1D0670

■ 757670

■ 190070

■ 7D8170

■ 868C70

■ 8F9870

■ 98A370

Harmonies

Analogous

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



0F4878



493E70



66345D

Triad

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



493E70



653C18



005247

Complementary

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



493E70



65703E

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.



11502D



493E70



51450F

Square

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



493E70



71322C



384C18



005160

Rectangle

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



493E70



702F4D



384C18



00513E

Sweetspot

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



493E70



837E91



3E6570



413E4A



C9C9C9



4A4A4A

Same Dimension

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



493E70



544391



623E70



343238



1A0078



3600F7

Inverse Universe

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



703E65



914380



4C703E



383237



78005D



F700C1

Previews

White Background



This preview shows how the Hex color 493E70 looks on a white background.

Color Contrast Check

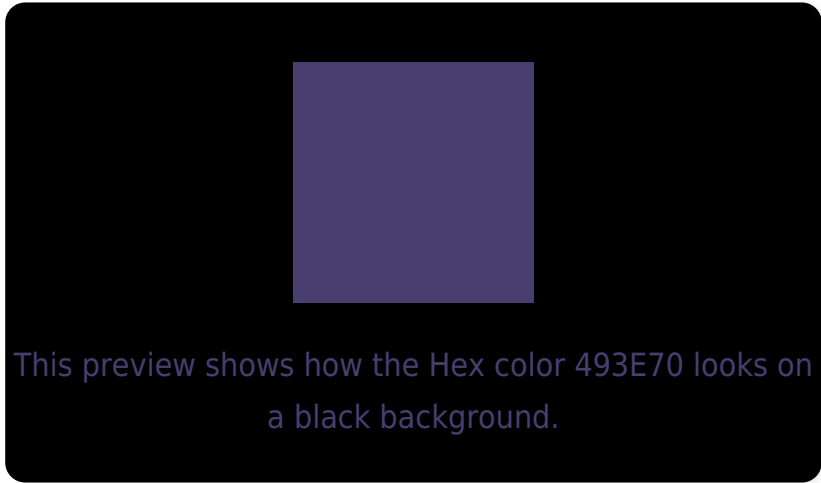
Large Text (above 18pt) WCAG AA ✓ Pass

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

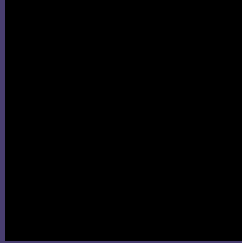
Any Text WCAG AA × Fail

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 493E70 Background



This preview shows how black text looks on a background with the Hex color 493E70.



This preview shows how white text looks on a background with the Hex color 493E70.

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](#).

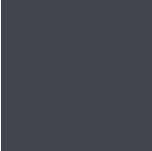
Dichromacy



Original Color
493E70

Protanopia
314476

Deuteranopia
2F466E



Tritanopia
41464C

Trichromacy



Original Color
493E70

Protanomaly
3A4274

Deuteranomaly
38436F

Tritanomaly
444359

Monochromacy



Original Color
493E70

Achromatopsia
474747

Achromatomaly
484456

CSS Examples

Text

The CSS property to change the color of the text to Hex 493E70 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 #493E70 looks like.

```
.text, #text, p{  
    color:#493E70  
}
```

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 #493E70 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #493E70
}
```

Border

The CSS property to change the border of an element to Hex 493E70 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
#493E70 }
```

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

```
.border{ border-color:#493E70 }
```

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

Here you see how a box with a 4 pixel #493E70 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #493E70; -webkit-box-shadow:4px 4px  
4px 4px #493E70; box-shadow:4px 4px 4px  
4px #493E70 }
```

Background

The CSS property to change the background color of an element to Hex 493E70 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#493E70 }
```

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

```
.background{ background-color:#493E70 }
```

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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