

Converting Colors

Hex(493B58)

Have a look what the booklet for
Hex(493B58) contains.

Hex(493B58)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(493B58)

Conversions

Conversions Part 1

Format	Color
Hex	493B58
RGB	73, 59, 88
RGB Percent	29%, 23%, 35%
CMY	0.7137, 0.7686, 0.6549
CMYK	0.17, 0.33, 0.00, 0.65
HSL	269°, 20%, 29%
HSV	269°, 33%, 35%
XYZ	6.0731, 5.2490, 9.9256
YIQ	66.4920, -0.9650, 11.9870

Conversions

Conversions Part 2

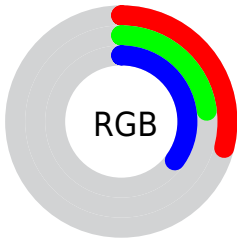
Format	Color
R_{YB}	73, 59, 88
Decimal	4799320
CIE Lab	27.43, 12.68, -15.13
CIE LCh	27, 19.739, 309.974
Yxy	5.2490, 0.2858, 0.2470
Android (android.graphics.Color)	4282989400 (0xFF493B58)
YUV	66.4920, 10.6034, 5.7075
Hunter-Lab	22.9106, 7.2225, -9.6488

Details

The Hex color **493B58** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **4A583B**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **7A6A8A**, and **1C112A** is the 20% darker color. If you saturate the color by 10%, you get **443258**, and if you desaturate by 10%, it is **4E4458**.

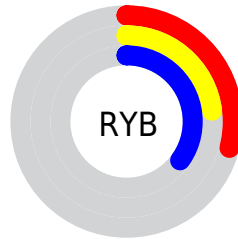
Distribution



Red (29%)

Green (23%)

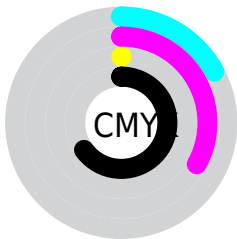
Blue (35%)



Red (29%)

Yellow (23%)

Blue (35%)

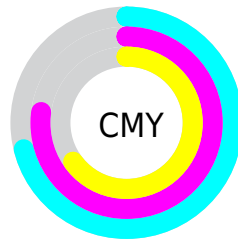


Cyan (17%)

Magenta (33%)

Yellow (0%)

Black (65%)



Cyan (71%)

Magenta (77%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 493B58 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 493B58 by changing the saturation by 10% instead.



493B58



493B58

FFFFFF



322541



7A6A8A



1C112A



9484A4



000016



AF9EBF



000000



CAB9DB



E6D4F8



FFF1FF



493B58



493B58



443258



4E4458

■ 402958

■ 524D58

■ 3B2158

■ 575558

■ 371858

■ 5B5E58

■ 320F58

■ 606758

■ 2E0658

■ 647058

■ 2A0058

■ 697958

■ 6D8158

■ 728A58

Harmonies

Analogous

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



33415E



493B58



58364B

Triad

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



493B58



533C25



0A4945

Complementary

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



493B58



4A583B

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.



224836



493B58



464223

Square

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



493B58



5C372E



354629



004854

Rectangle

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



493B58



5D3541



354629



134940

Sweetspot

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



493B58



6D6773



3B4A58



37343B



BABABA



3B3B3B

Same Dimension

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



493B58



5B4573



573B58



29272B



34006B



7100EB

Inverse Universe

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



583B4A



73455D



3C583B



2B2729



6B0037



EB0079

Previews

White Background



This preview shows how the Hex color 493B58 looks on a white background.

Color Contrast Check

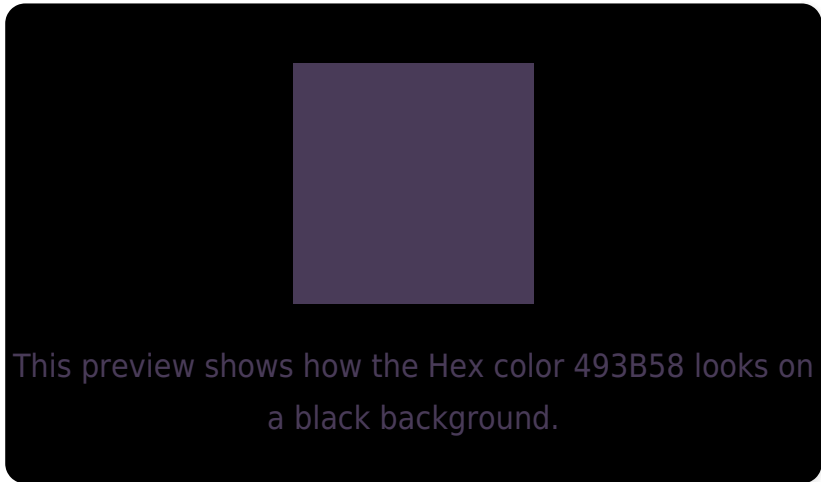
Large Text (above 18pt) WCAG AA ✓ Pass

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

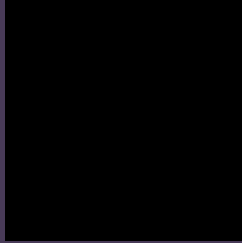
Any Text WCAG AA × Fail

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 493B58 Background



This preview shows how black text looks on a background with the Hex color 493B58.

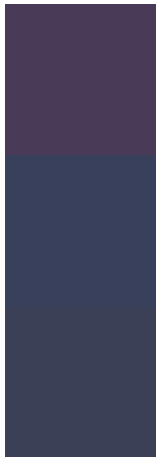


This preview shows how white text looks on a background with the Hex color 493B58.

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](#).

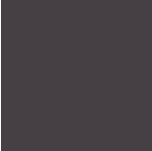
Dichromacy



Original Color
493B58

Protanopia
38405C

Deuteranopia
3B4057



Tritanopia
463F44

Trichromacy



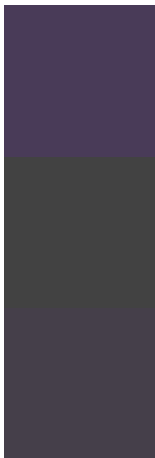
Original Color
493B58

Protanomaly
3E3E5B

Deuteranomaly
403E57

Tritanomaly
473E4B

Monochromacy



Original Color
493B58

Achromatopsia
424242

Achromatomaly
453F4A

CSS Examples

Text

The CSS property to change the color of the text to Hex 493B58 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 #493B58 looks like.

```
.text, #text, p{  
    color:#493B58  
}
```

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 #493B58 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #493B58  
}
```

Border

The CSS property to change the border of an element to Hex 493B58 is called "border". The border property can be set on classes, ids or directly on the HTML element.

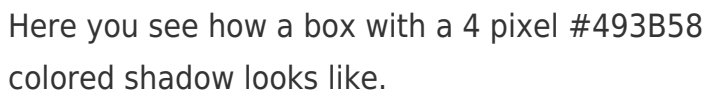
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#493B58 }
```

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

```
.border{ border-color:#493B58 }
```

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



Here you see how a box with a 4 pixel #493B58 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #493B58; -webkit-box-shadow:4px 4px  
4px 4px #493B58; box-shadow:4px 4px 4px  
4px #493B58 }
```

Background

The CSS property to change the background color of an element to Hex 493B58 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#493B58 }
```

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

```
.background{ background-color:#493B58 }
```

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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