

Converting Colors

Hex(493B46)

Have a look what the booklet for
Hex(493B46) contains.

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Color

Hex(493B46)

Conversions

Conversions Part 1

Format	Color
Hex	493B46
RGB	73, 59, 70
RGB Percent	29%, 23%, 27%
CMY	0.7137, 0.7686, 0.7255
CMYK	0.00, 0.19, 0.04, 0.71
HSL	313°, 11%, 26%
HSV	313°, 19%, 29%
XYZ	5.4171, 4.9866, 6.4713
YIQ	64.4400, 4.8130, 6.3890

Conversions

Conversions Part 2

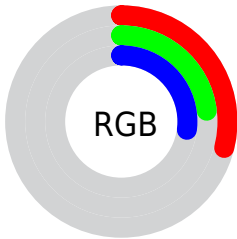
Format	Color
R_{YB}	73, 59, 70
Decimal	4799302
CIE _{Lab}	26.70, 8.38, -4.44
CIE _{LCh}	27, 9.483, 332.111
Yxy	4.9866, 0.3210, 0.2955
Android (android.graphics.Color)	4282989382 (0xFF493B46)
YUV	64.4400, 2.7411, 7.5071
Hunter-Lab	22.3307, 4.2229, -1.5505

Details

The Hex color **493B46** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **3B493E**, and the grayscale version is **404040**.

A 20% lighter version of the original color is **7A6A76**, and **1D111B** is the 20% darker color. If you saturate the color by 10%, you get **493444**, and if you desaturate by 10%, it is **494248**.

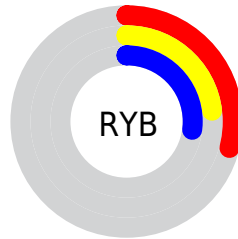
Distribution



 Red (29%)

 Green (23%)

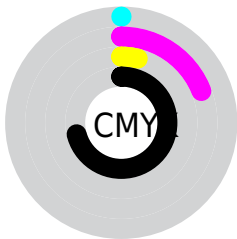
 Blue (27%)



 Red (29%)

 Yellow (23%)

 Blue (27%)

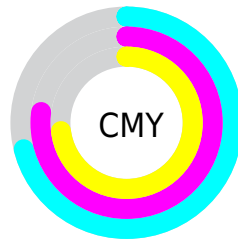


 Cyan (0%)

 Magenta (19%)

 Yellow (4%)

 Black (71%)



 Cyan (71%)

 Magenta (77%)

 Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 493B46 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 493B46 by changing the saturation by 10% instead.



493B46



493B46

FFFFFF



322530



7A6A76



1D111B



938390



000000



AE9EAA



CAB8C6



E6D4E2



FFF0FE



493B46



493B46



493444



494248

■ 492C43

■ 494A49

■ 492541

■ 49514B

■ 491E40

■ 49584C

■ 49163E

■ 49604E

■ 490F3D

■ 49674F

■ 49083B

■ 496E51

■ 490139

■ 497553

■ 490039

■ 497D54

Harmonies

Analogous

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



413D4B



493B46



4E3A3F

Triad

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



493B46



443F31



2C4347

Complementary

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



493B46



3B493E

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.



2E433F



493B46



3C4133

Square

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



493B46



4B3C33



344338



2F424C

Rectangle

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



493B46



4E3A3A



344338



2C4344

Sweetspot

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



493B46



5E595D



3E3B49



302D30



B0B0B0



303030

Same Dimension

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



493B46



5E495A



493B3F



242023



63004E



E300B2

Inverse Universe

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



493B46



5E495A



3B4945



242023



63004E



E300B2

Previews

White Background



This preview shows how the Hex color 493B46 looks on a white background.

Color Contrast Check

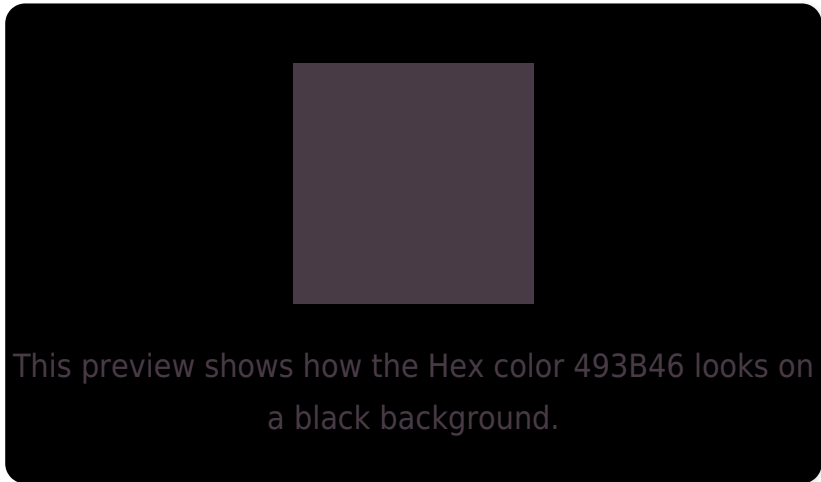
Large Text (above 18pt) WCAG AA ✓ Pass

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

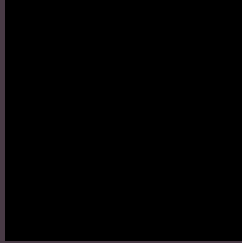
Any Text WCAG AA × Fail

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 493B46 Background



This preview shows how black text looks on a background with the Hex color 493B46.



This preview shows how white text looks on a background with the Hex color 493B46.

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
493B46

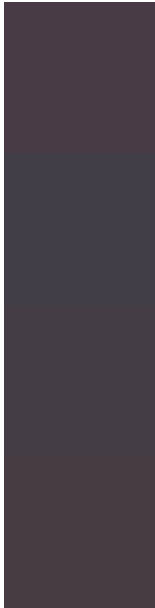
Protanopia
3E3F48

Deuteranopia
423E46



Tritanopia
483C41

Trichromacy



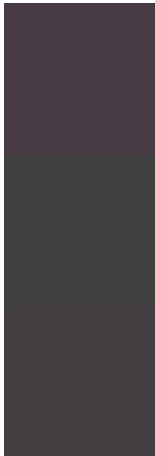
Original Color
493B46

Protanomaly
423E47

Deuteranomaly
453D46

Tritanomaly
483C43

Monochromacy



Original Color
493B46

Achromatopsia
404040

Achromatomaly
433E42

CSS Examples

Text

The CSS property to change the color of the text to Hex 493B46 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 #493B46 looks like.

```
.text, #text, p{  
    color:#493B46  
}
```

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 #493B46 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #493B46
}
```

Border

The CSS property to change the border of an element to Hex 493B46 is called "border". The border property can be set on classes, ids or directly on the HTML element.

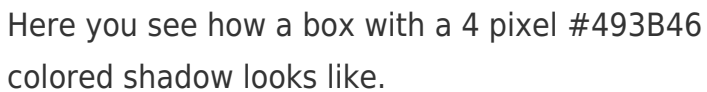
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#493B46 }
```

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

```
.border{ border-color:#493B46 }
```

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



Here you see how a box with a 4 pixel #493B46 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #493B46; -webkit-box-shadow:4px 4px  
4px 4px #493B46; box-shadow:4px 4px 4px  
4px #493B46 }
```

Background

The CSS property to change the background color of an element to Hex 493B46 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#493B46 }
```

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

```
.background{ background-color:#493B46 }
```

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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