

# Converting Colors

Hex(493E2B)

Have a look what the booklet for  
Hex(493E2B) contains.

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# Color

**Hex(493E2B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	493E2B
RGB	73, 62, 43
RGB Percent	29%, 24%, 17%
CMY	0.7137, 0.7569, 0.8314
CMYK	0.00, 0.15, 0.41, 0.71
HSL	38°, 26%, 23%
HSV	38°, 41%, 29%
XYZ	4.9063, 5.0361, 2.9990
YIQ	63.1230, 12.6550, -3.5770

# Conversions

## Conversions Part 2

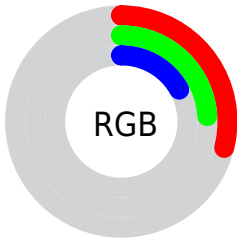
<b>Format</b>	<b>Color</b>
<b>RYB</b>	60, 73, 43
Decimal	4800043
CIELab	26.84, 1.53, 13.46
CIELCh	27, 13.544, 83.533
Yxy	5.0361, 0.3791, 0.3891
Android (android.graphics.Color)	4282990123 (0xFF493E2B)
YUV	63.1230, -9.9206, 8.6621
Hunter-Lab	22.4413, -0.2471, 7.7856

# Details

The Hex color **493E2B** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **2B3649**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **7A6D59**, and **1E1400** is the 20% darker color. If you saturate the color by 10%, you get **493B24**, and if you desaturate by 10%, it is **494132**.

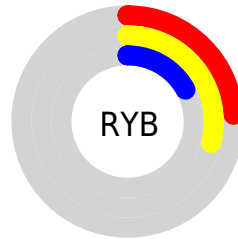
# Distribution



Red (29%)

Green (24%)

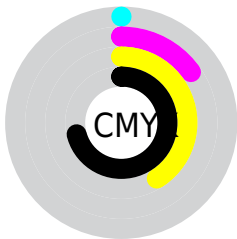
Blue (17%)



Red (24%)

Yellow (29%)

Blue (17%)

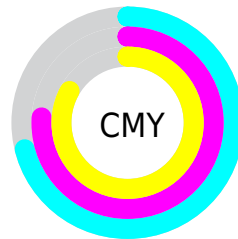


Cyan (0%)

Magenta (15%)

Yellow (41%)

Black (71%)



Cyan (71%)

Magenta (76%)

Yellow (83%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 493E2B 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 493E2B by changing the saturation by 10% instead.





493E2B



493E2B

FFFFFF



322816



7A6D59



1E1400



948771



000000



AFA18B



CBBCA5



E7D8C0



FFF4DC



FFFFFF9



493E2B



493E2B

■ 493B24

■ 494132

■ 49391C

■ 49433A

■ 493615

■ 494641

■ 49330E

■ 494948

■ 493107

■ 494B50

■ 492E00

■ 494E57

■ 49515E

■ 495365

■ 49566D

# Harmonies

## Analogous

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



513B2F



493E2B



3E412C

# Triad

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



493E2B



204547



4B3A4C

# Complementary

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



493E2B



2B3649

# 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.



3E3E52



493E2B



234450

# Square

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



493E2B



27453D



2F4154



523842

# Rectangle

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



493E2B



364330



2F4154



473B4E



# Sweetspot

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



493E2B



5E5A53



492B36



302E2A



B0B0B0



303030



# Same Dimension

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



493E2B



5E4D30



45492B



242220



633F00



E39000



# Inverse Universe

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



2B3649



30415E



2F2B49



202124



002463

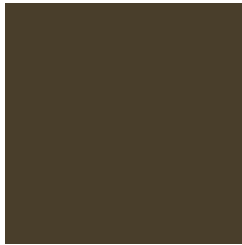


0053E3



# Previews

## White Background



This preview shows how the Hex color 493E2B looks on a white background.

## Color Contrast Check

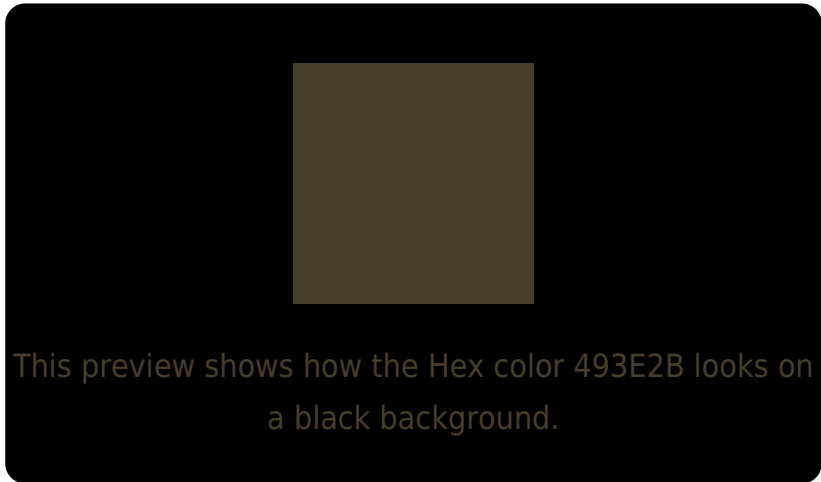
Large Text (above 18pt) WCAG AA ✓ Pass

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

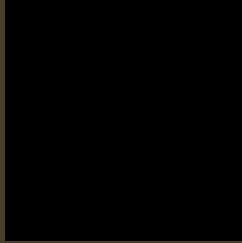
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

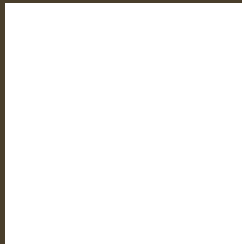
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 493E2B Background



This preview shows how black text looks on a background with the Hex color 493E2B.

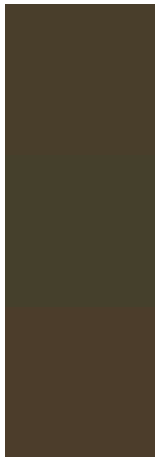


This preview shows how white text looks on a background with the Hex color 493E2B.

# 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**  
493E2B

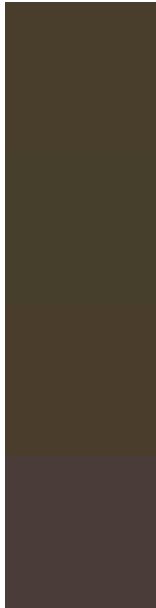
**Protanopia**  
45402C

**Deuteranopia**  
4C3D2B



**Tritanopia**  
4B3B40

# Trichromacy



**Original Color**  
493E2B

**Protanomaly**  
463F2C

**Deuteranomaly**  
4B3D2B

**Tritanomaly**  
4A3C38

# Monochromacy



**Original Color**  
493E2B

**Achromatopsia**  
3F3F3F

**Achromatomaly**  
433F38

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 493E2B 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 #493E2B looks like.

```
.text, #text, p{  
    color:#493E2B  
}
```

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 #493E2B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #493E2B
}
```

## Border

The CSS property to change the border of an element to Hex 493E2B is called "border". The border property can be set on classes, ids or directly on the HTML element.

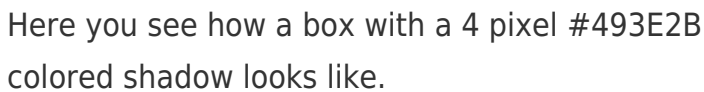
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#493E2B }
```

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

```
.border{ border-color:#493E2B }
```

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



Here you see how a box with a 4 pixel #493E2B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #493E2B; -webkit-box-shadow:4px 4px  
4px 4px #493E2B; box-shadow:4px 4px 4px  
4px #493E2B }
```

# Background

The CSS property to change the background color of an element to Hex 493E2B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#493E2B }
```

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

```
.background{ background-color:#493E2B }
```

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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