

# Converting Colors

Hex(493E25)

Have a look what the booklet for  
Hex(493E25) contains.

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# Color

Hex(493E25)

# Conversions

## Conversions Part 1

Format	Color
Hex	493E25
RGB	73, 62, 37
RGB Percent	29%, 24%, 15%
CMY	0.7137, 0.7569, 0.8549
CMYK	0.00, 0.15, 0.49, 0.71
HSL	42°, 33%, 22%
HSV	42°, 49%, 29%
XYZ	4.8042, 4.9953, 2.4612
YIQ	62.4390, 14.5810, -5.4430

# Conversions

## Conversions Part 2

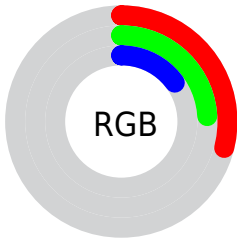
<b>Format</b>	<b>Color</b>
<b>RYB</b>	53, 73, 37
Decimal	4800037
CIELab	26.72, 0.73, 17.11
CIELCh	27, 17.123, 87.572
Yxy	4.9953, 0.3918, 0.4074
Android (android.graphics.Color)	4282990117 (0xFF493E25)
YUV	62.4390, -12.5414, 9.2620
Hunter-Lab	22.3501, -0.7438, 9.1160

# Details

The Hex color **493E25** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **253049**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **7B6D52**, and **1D1400** is the 20% darker color. If you saturate the color by 10%, you get **493C1E**, and if you desaturate by 10%, it is **49402C**.

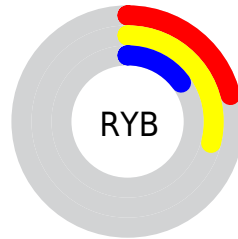
# Distribution



Red (29%)

Green (24%)

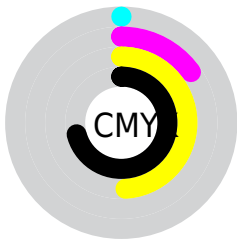
Blue (15%)



Red (21%)

Yellow (29%)

Blue (15%)

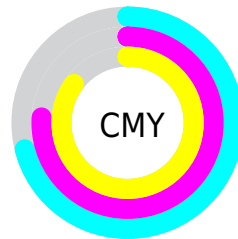


Cyan (0%)

Magenta (15%)

Yellow (49%)

Black (71%)



Cyan (71%)

Magenta (76%)

Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 493E25 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 493E25 by changing the saturation by 10% instead.





493E25



493E25

FFFFFF



322810



7B6D52



1D1400



95876A



000000



B0A184



CBBC9E



E8D7B9



FFF4D5



FFFFFF1



493E25



493E25

■ 493C1E

■ 49402C

■ 493A16

■ 494234

■ 49370F

■ 49453B

■ 493508

■ 494742

■ 493301

■ 49494A

■ 493300

■ 494B51

■ 494E58

■ 49505F

■ 495267

# Harmonies

## Analogous

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



533A2A



493E25



3C4228

# Triad

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



493E25



10464B



4F384D

# Complementary

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



493E25



253049

# 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.



3F3C56



493E25



174455

# Square

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



493E25



1C463E



2B4159



573541

# Rectangle

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



493E25



31442D



2B4159



4A3951



# Sweetspot

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



493E25



5E5A50



492530



302E28



B0B0B0



303030



# Same Dimension

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



493E25



5E4D27



424925



242320



634500



E39E00



# Inverse Universe

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



253049



27385E



2C2549



202124



001E63



0045E3



# Previews

## White Background



This preview shows how the Hex color 493E25 looks on a white background.

## Color Contrast Check

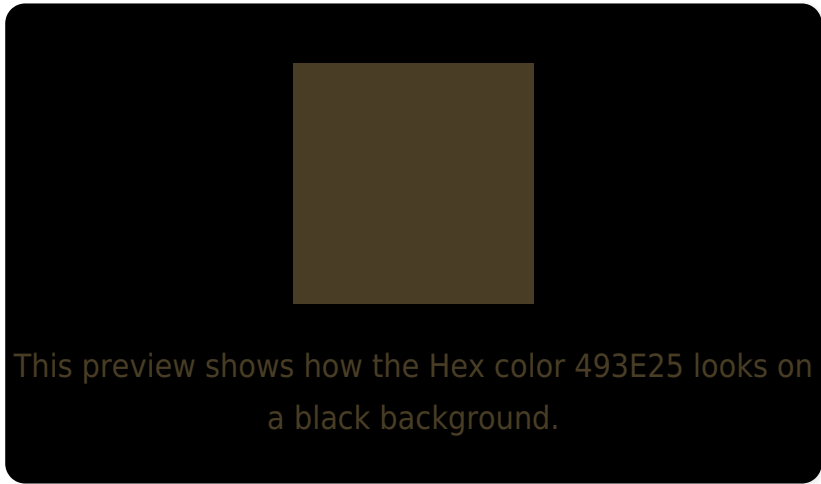
Large Text (above 18pt) WCAG AA ✓ Pass

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

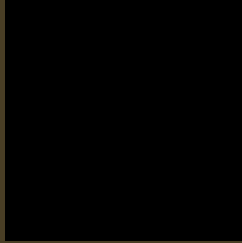
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

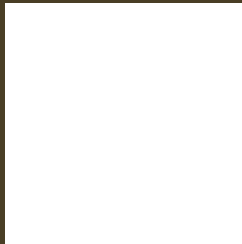
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 493E25 Background



This preview shows how black text looks on a background with the Hex color 493E25.

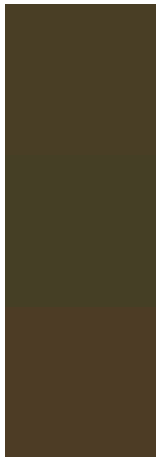


This preview shows how white text looks on a background with the Hex color 493E25.

# 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**  
493E25

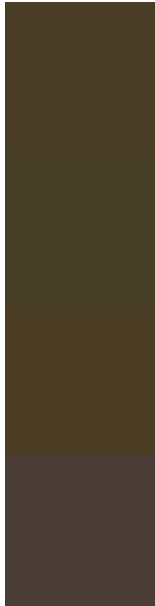
**Protanopia**  
453F25

**Deuteranopia**  
4D3C25



**Tritanopia**  
4B3B3F

# Trichromacy



**Original Color**

493E25

**Protanomaly**

463F25

**Deuteranomaly**

4C3D25

**Tritanomaly**

4A3C36

# Monochromacy



**Original Color**

493E25

**Achromatopsia**

3E3E3E

**Achromatomaly**

423E35

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 493E25 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 #493E25 looks like.

```
.text, #text, p{  
    color:#493E25  
}
```

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 #493E25 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #493E25  
}
```

## Border

The CSS property to change the border of an element to Hex 493E25 is called "border". The border property can be set on classes, ids or directly on the HTML element.

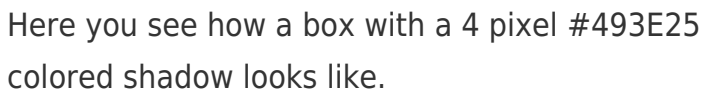
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#493E25 }
```

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

```
.border{ border-color:#493E25 }
```

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



Here you see how a box with a 4 pixel #493E25 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #493E25; -webkit-box-shadow:4px 4px  
4px 4px #493E25; box-shadow:4px 4px 4px  
4px #493E25 }
```

# Background

The CSS property to change the background color of an element to Hex 493E25 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#493E25 }
```

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

```
.background{ background-color:#493E25 }
```

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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