

# Converting Colors

Hex(493736)

Have a look what the booklet for  
Hex(493736) contains.

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# Color

**Hex(493736)**

# Conversions

## Conversions Part 1

Format	Color
Hex	493736
RGB	73, 55, 54
RGB Percent	29%, 22%, 21%
CMY	0.7137, 0.7843, 0.7882
CMYK	0.00, 0.25, 0.26, 0.71
HSL	3°, 15%, 25%
HSV	3°, 26%, 29%
XYZ	4.7797, 4.4152, 4.0903
YIQ	60.2680, 11.0490, 3.5050

# Conversions

## Conversions Part 2

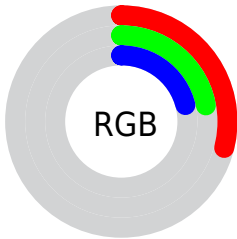
<b>Format</b>	<b>Color</b>
<b>RYB</b>	73, 55, 54
Decimal	4798262
CIELab	25.00, 7.83, 3.71
CIElCh	25, 8.666, 25.314
Yxy	4.4152, 0.3598, 0.3323
Android (android.graphics.Color)	4282988342 (0xFF493736)
YUV	60.2680, -3.0901, 11.1660
Hunter-Lab	21.0123, 3.8320, 3.1671

# Details

The Hex color **493736** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **364849**, and the grayscale version is **3C3C3C**.

A 20% lighter version of the original color is **7A6665**, and **1E0C0A** is the 20% darker color. If you saturate the color by 10%, you get **49302F**, and if you desaturate by 10%, it is **493E3D**.

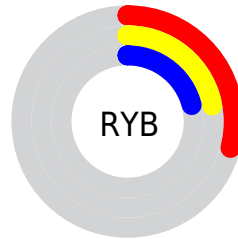
# Distribution



Red (29%)

Green (22%)

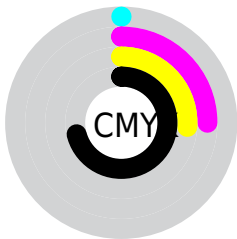
Blue (21%)



Red (29%)

Yellow (22%)

Blue (21%)

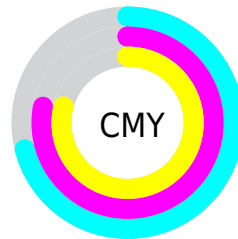


Cyan (0%)

Magenta (25%)

Yellow (26%)

Black (71%)



Cyan (71%)

Magenta (78%)

Yellow (79%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 493736 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 493736 by changing the saturation by 10% instead.





493736



493736

FFFFFF



322221



7A6665



1E0C0A



947F7E



000000



AF9997



CAB4B2



E6CFCE



FFEBEA



493736



493736



49302F



493E3D

■ 492927

■ 494545

■ 492220

■ 494C4C

■ 491B19

■ 495353

■ 491411

■ 495A5B

■ 490E0A

■ 496062

■ 490703

■ 496769

■ 490400

■ 496E70

■ 497578

# Harmonies

## Analogous

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



48373D



493736



473831

# Triad

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



493736



333E34



333C48

# Complementary

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



493736



364849

# 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.



2C3E46



493736



2D3F3A

# Square

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



493736



3A3D2F



2A3F41



3B3A47

# Rectangle

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



493736



433A2F



2A3F41



303D48



# Sweetspot

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



493736



5E5757



493648



302C2C



B0B0B0



303030



# Same Dimension

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



493736



5E4341



494036



242020



630500



E30C00



# Inverse Universe

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



364849



415D5E



363F49



202424



005E63



00D7E3



# Previews

## White Background



This preview shows how the Hex color 493736 looks on a white background.

## Color Contrast Check

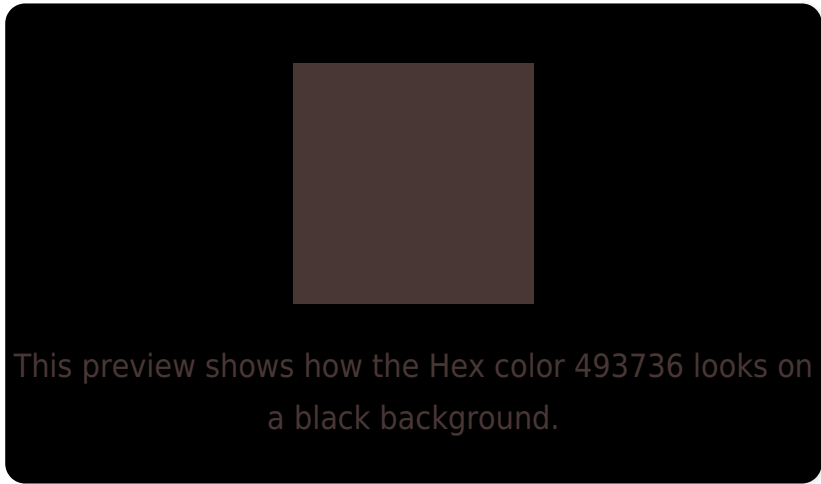
Large Text (above 18pt) WCAG AA ✓ Pass

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

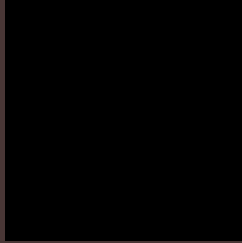
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 493736 Background



This preview shows how black text looks on a background with the Hex color 493736.

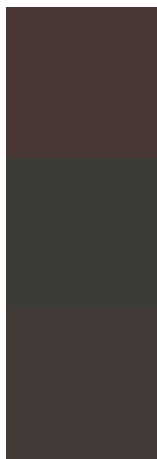


This preview shows how white text looks on a background with the Hex color 493736.

# 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](#).

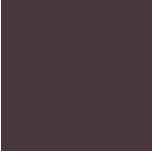
## Dichromacy



**Original Color**  
493736

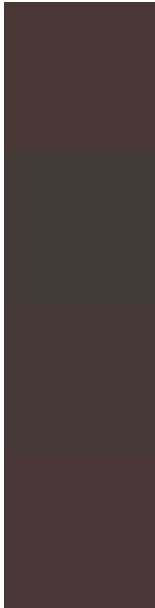
**Protanopia**  
3D3B38

**Deuteranopia**  
433936



**Tritanopia**  
49363A

# Trichromacy



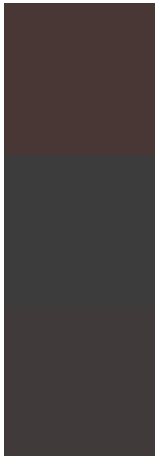
**Original Color**  
493736

**Protanomaly**  
413A37

**Deuteranomaly**  
453836

**Tritanomaly**  
493639

# Monochromacy



**Original Color**  
493736

**Achromatopsia**  
3C3C3C

**Achromatomaly**  
413A3A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 493736 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 #493736 looks like.

```
.text, #text, p{  
    color:#493736  
}
```

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 #493736 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #493736
}
```

## Border

The CSS property to change the border of an element to Hex 493736 is called "border". The border property can be set on classes, ids or directly on the HTML element.

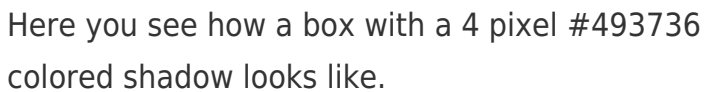
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#493736 }
```

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

```
.border{ border-color:#493736 }
```

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



Here you see how a box with a 4 pixel #493736 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #493736; -webkit-box-shadow:4px 4px  
4px 4px #493736; box-shadow:4px 4px 4px  
4px #493736 }
```

# Background

The CSS property to change the background color of an element to Hex 493736 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#493736 }
```

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

```
.background{ background-color:#493736 }
```

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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