

# Converting Colors

Hex(49403E)

Have a look what the booklet for  
Hex(49403E) contains.

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# Color

Hex(49403E)

# Conversions

## Conversions Part 1

Format	Color
Hex	49403E
RGB	73, 64, 62
RGB Percent	29%, 25%, 24%
CMY	0.7137, 0.7490, 0.7569
CMYK	0.00, 0.12, 0.15, 0.71
HSL	11°, 8%, 26%
HSV	11°, 15%, 29%
XYZ	5.4506, 5.4311, 5.3185
YIQ	66.4630, 6.0060, 1.2860

# Conversions

## Conversions Part 2

<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">73, 64, 62</a>
Decimal	<a href="#">4800574</a>
CIELab	<a href="#">27.93, 3.46, 2.63</a>
CIELCh	<a href="#">28, 4.349, 37.218</a>
Yxy	<a href="#">5.4311, 0.3365, 0.3352</a>
Android (android.graphics.Color)	<a href="#">4282990654</a> ( <a href="#">0xFF49403E</a> )
YUV	<a href="#">66.4630, -2.2003, 5.7329</a>
Hunter-Lab	<a href="#">23.3046, 0.9650, 2.7824</a>

# Details

The Hex color **49403E** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **3E4749**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **7A706D**, and **1D1614** is the 20% darker color. If you saturate the color by 10%, you get **493A37**, and if you desaturate by 10%, it is **494645**.

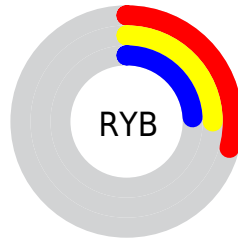
# Distribution



 Red (29%)

 Green (25%)

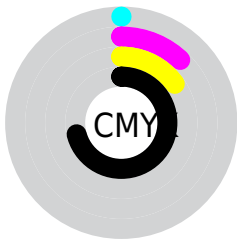
 Blue (24%)



 Red (29%)

 Yellow (25%)

 Blue (24%)

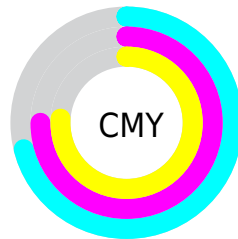


 Cyan (0%)

 Magenta (12%)

 Yellow (15%)

 Black (71%)



 Cyan (71%)

 Magenta (75%)

 Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 49403E 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 49403E by changing the saturation by 10% instead.





49403E



49403E

FFFFFF



322A28



7A706D



1D1614



938987



000000



AEA3A1



C9BEBE



E6DAD8



FFF7F4



49403E



49403E



493A37



494645

■ 49342F

■ 494C4D

■ 492E28

■ 495254

■ 492821

■ 49585B

■ 49221A

■ 495E63

■ 491C12

■ 49646A

■ 49160B

■ 496A71

■ 491004

■ 497078

■ 490D00

■ 497680

# Harmonies

## Analogous

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



494041



49403E



47413C

# Triad

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



49403E



3C443F



3F4248

# Complementary

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



49403E



3E4749

# 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.



3C4348



49403E



3A4443

# Square

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



49403E



40433D



3A4446



444147

# Rectangle

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



49403E



45423B



3A4446



3E4248



# Sweetspot

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



49403E



5E5A5A



493E47



302E2E



B0B0B0



303030



# Same Dimension

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



49403E



5E504D



49453E



242120



631200



E32900



# Inverse Universe

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



3E4749



4D5B5E



3E4249



202324



005163

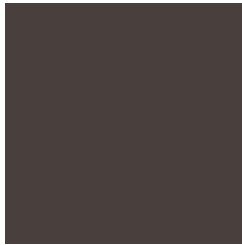


00BAE3



# Previews

## White Background



This preview shows how the Hex color 49403E looks on a white background.

## Color Contrast Check

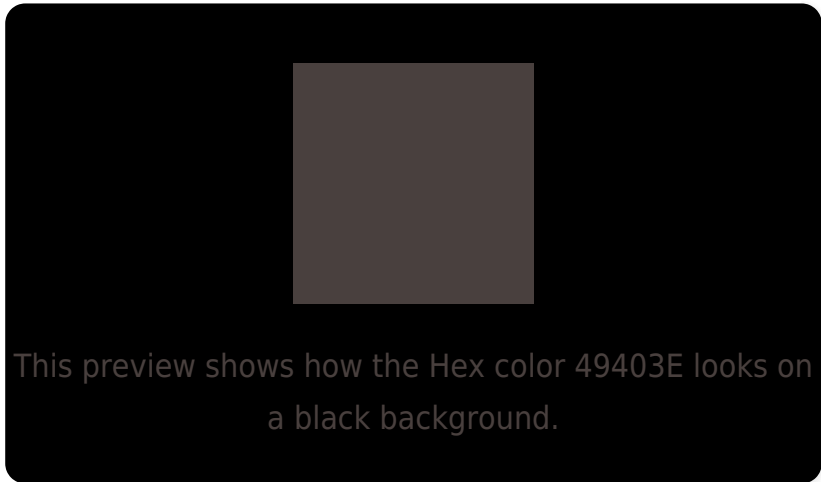
Large Text (above 18pt) WCAG AA ✓ Pass

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

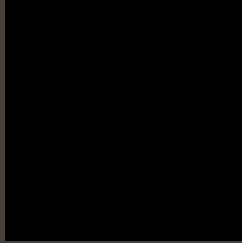
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 49403E Background



This preview shows how black text looks on a background with the Hex color 49403E.

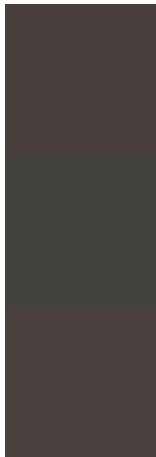


This preview shows how white text looks on a background with the Hex color 49403E.

# 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**  
49403E

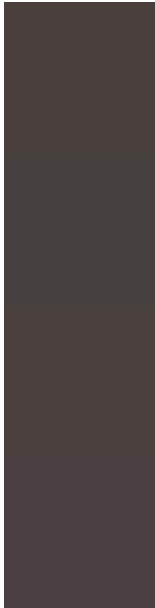
**Protanopia**  
44423F

**Deuteranopia**  
4A403E



**Tritanopia**  
4A3F44

# Trichromacy



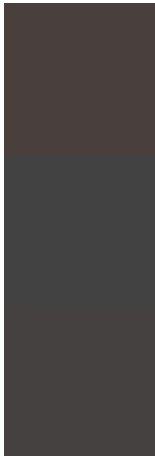
**Original Color**  
49403E

**Protanomaly**  
46413F

**Deuteranomaly**  
4A403E

**Tritanomaly**  
4A3F42

# Monochromacy



**Original Color**  
49403E

**Achromatopsia**  
424242

**Achromatomaly**  
454141

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 49403E 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 #49403E looks like.

```
.text, #text, p{  
    color:#49403E  
}
```

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 #49403E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #49403E
}
```

## Border

The CSS property to change the border of an element to Hex 49403E is called "border". The border property can be set on classes, ids or directly on the HTML element.

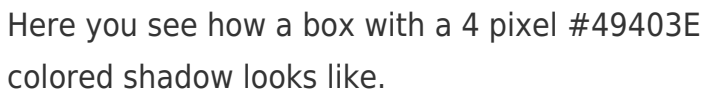
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#49403E }
```

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

```
.border{ border-color:#49403E }
```

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



Here you see how a box with a 4 pixel #49403E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #49403E; -webkit-box-shadow:4px 4px  
4px 4px #49403E; box-shadow:4px 4px 4px  
4px #49403E }
```

# Background

The CSS property to change the background color of an element to Hex 49403E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#49403E }
```

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

```
.background{ background-color:#49403E }
```

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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