

# Converting Colors

Hex(49413E)

Have a look what the booklet for  
Hex(49413E) contains.

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# Color

**Hex(49413E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	49413E
RGB	73, 65, 62
RGB Percent	29%, 25%, 24%
CMY	0.7137, 0.7451, 0.7569
CMYK	0.00, 0.11, 0.15, 0.71
HSL	16°, 8%, 26%
HSV	16°, 15%, 29%
XYZ	5.5075, 5.5449, 5.3374
YIQ	67.0500, 5.7310, 0.7630

# Conversions

## Conversions Part 2

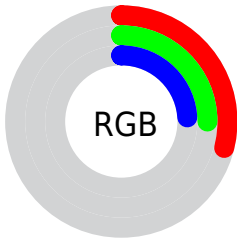
<b>Format</b>	<b>Color</b>
<b>RYB</b>	73, 66, 62
Decimal	4800830
CIELab	28.23, 2.82, 3.07
CIElCh	28, 4.167, 47.436
Yxy	5.5449, 0.3360, 0.3383
Android (android.graphics.Color)	4282990910 (0xFF49413E)
YUV	67.0500, -2.4896, 5.2182
Hunter-Lab	23.5475, 0.5406, 3.0443

# Details

The Hex color **49413E** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **3E4649**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **7A716D**, and **1D1714** is the 20% darker color. If you saturate the color by 10%, you get **493C37**, and if you desaturate by 10%, it is **494645**.

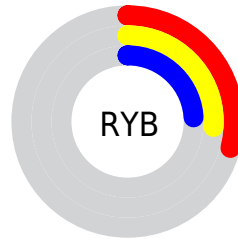
# Distribution



Red (29%)

Green (25%)

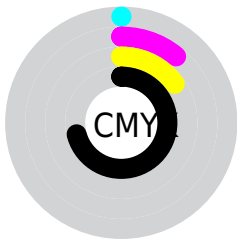
Blue (24%)



Red (29%)

Yellow (26%)

Blue (24%)

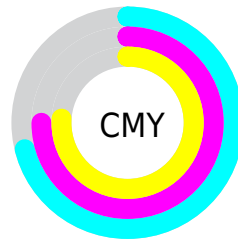


Cyan (0%)

Magenta (11%)

Yellow (15%)

Black (71%)



Cyan (71%)

Magenta (75%)

Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 49413E 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 49413E by changing the saturation by 10% instead.





49413E



49413E

FFFFFF



322B28



7A716D



1D1714



938A87



000000



AEA4A1



C9C0BC



E6DBD8



FFF8F4



49413E



49413E



493C37



494645

■ 49362F

■ 494C4D

■ 493128

■ 495154

■ 492C21

■ 49565B

■ 49261A

■ 495C63

■ 492112

■ 49616A

■ 491C0B

■ 496671

■ 491704

■ 496B78

■ 491400

■ 497180

# Harmonies

## Analogous

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



4A4141



49413E



47423C

# Triad

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



49413E



3C4441



424249

# Complementary

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



49413E



3E4649

# 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.



3E4349



49413E



3B4544

# Square

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



49413E



40443E



3B4447



454147

# Rectangle

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



49413E



44433C



3B4447



404349



# Sweetspot

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



49413E



5E5B5A



493E46



302E2E



B0B0B0



303030



# Same Dimension

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



49413E



5E524D



49463E



242120



631B00



E33E00



# Inverse Universe

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



3E4649



4D5A5E



3E4149



202324



004863

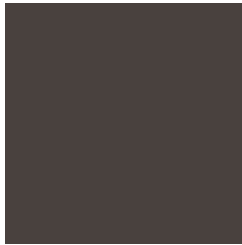


00A5E3



# Previews

## White Background



This preview shows how the Hex color 49413E looks on a white background.

## Color Contrast Check

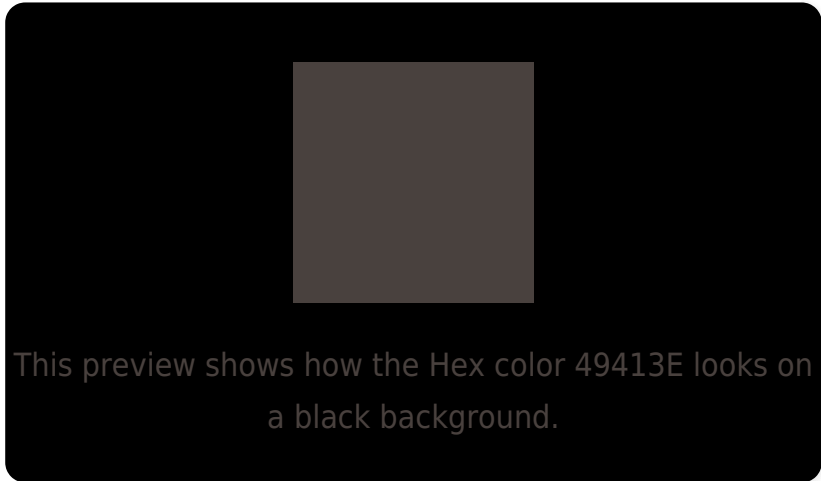
Large Text (above 18pt) WCAG AA ✓ Pass

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

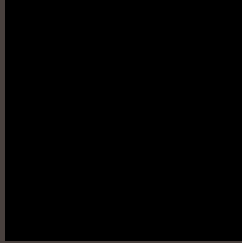
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 49413E Background



This preview shows how black text looks on a background with the Hex color 49413E.

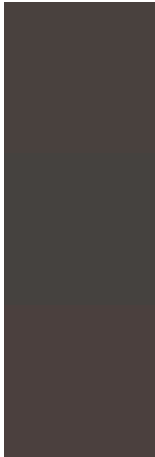


This preview shows how white text looks on a background with the Hex color 49413E.

# 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](#).

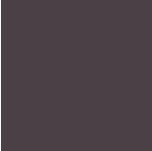
## Dichromacy



**Original Color**  
49413E

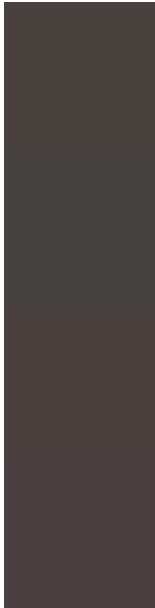
**Protanopia**  
45423F

**Deuteranopia**  
4B403E



**Tritanopia**  
4A4045

# Trichromacy



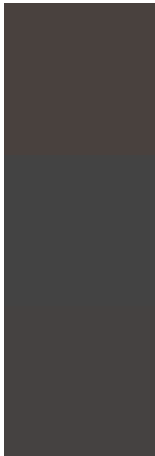
**Original Color**  
49413E

**Protanomaly**  
46423F

**Deuteranomaly**  
4A403E

**Tritanomaly**  
4A4042

# Monochromacy



**Original Color**  
49413E

**Achromatopsia**  
434343

**Achromatomaly**  
454241

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 49413E 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 #49413E looks like.

```
.text, #text, p{  
    color:#49413E  
}
```

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 #49413E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #49413E
}
```

## Border

The CSS property to change the border of an element to Hex 49413E is called "border". The border property can be set on classes, ids or directly on the HTML element.

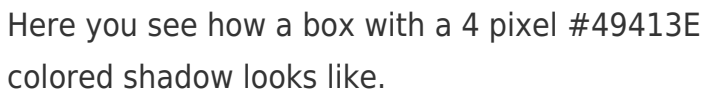
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#49413E }
```

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

```
.border{ border-color:#49413E }
```

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



Here you see how a box with a 4 pixel #49413E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #49413E; -webkit-box-shadow:4px 4px  
4px 4px #49413E; box-shadow:4px 4px 4px  
4px #49413E }
```

# Background

The CSS property to change the background color of an element to Hex 49413E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#49413E }
```

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

```
.background{ background-color:#49413E }
```

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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