

# Converting Colors

Hex(49423E)

Have a look what the booklet for  
Hex(49423E) contains.

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# Color

Hex(49423E)

# Conversions

## Conversions Part 1

Format	Color
Hex	49423E
RGB	73, 66, 62
RGB Percent	29%, 26%, 24%
CMY	0.7137, 0.7412, 0.7569
CMYK	0.00, 0.10, 0.15, 0.71
HSL	22°, 8%, 26%
HSV	22°, 15%, 29%
XYZ	5.5654, 5.6607, 5.3567
YIQ	67.6370, 5.4560, 0.2400

# Conversions

## Conversions Part 2

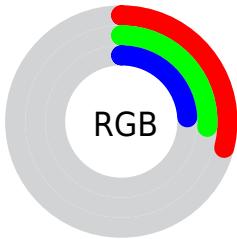
<b>Format</b>	<b>Color</b>
<b>R<sub>Y</sub>B</b>	73, 68, 62
Decimal	4801086
CIE Lab	28.54, 2.18, 3.51
CIE LCh	29, 4.129, 58.191
Yxy	5.6607, 0.3356, 0.3414
Android (android.graphics.Color)	4282991166 (0xFF49423E)
YUV	67.6370, -2.7790, 4.7034
Hunter-Lab	23.7922, 0.1175, 3.3056

# Details

The Hex color **49423E** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **3E4549**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **7A726D**, and **1D1714** is the 20% darker color. If you saturate the color by 10%, you get **493D37**, and if you desaturate by 10%, it is **494745**.

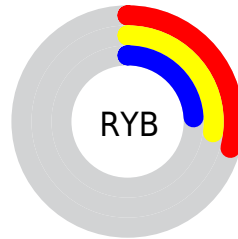
# Distribution



Red (29%)

Green (26%)

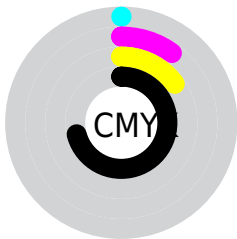
Blue (24%)



Red (29%)

Yellow (27%)

Blue (24%)

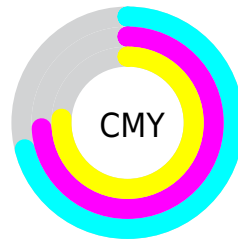


Cyan (0%)

Magenta (10%)

Yellow (15%)

Black (71%)



Cyan (71%)

Magenta (74%)

Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 49423E 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 49423E by changing the saturation by 10% instead.





49423E



49423E

FFFFFF



322C28



7A726D



1D1714



938B87



000000



AEA6A1



C9C1BC



E6DDD8



FFF9F4



49423E



49423E



493D37



494745

■ 49392F

■ 494B4D

■ 493428

■ 495054

■ 492F21

■ 49555B

■ 492B1A

■ 495963

■ 492612

■ 495E6A

■ 49210B

■ 496371

■ 491D04

■ 496778

■ 491B00

■ 496C80

# Harmonies

## Analogous

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



4A4140



49423E



46433D

# Triad

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



49423E



3C4543



444349

# Complementary

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



49423E



3E4549

# 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.



40444A



49423E



3C4546

# Square

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



49423E



3F4540



3D4549



474247

# Rectangle

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



49423E



44443D



3D4549



424349



# Sweetspot

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



49423E



5E5B5A



493E45



302F2E



B0B0B0



303030



# Same Dimension

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



49423E



5E544D



49473E



242120



632400



E35300



# Inverse Universe

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



3E4549



4D585E



3E4049



202224



003F63

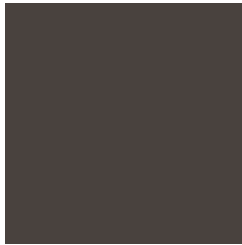


0090E3



# Previews

## White Background



This preview shows how the Hex color 49423E looks on a white background.

## Color Contrast Check

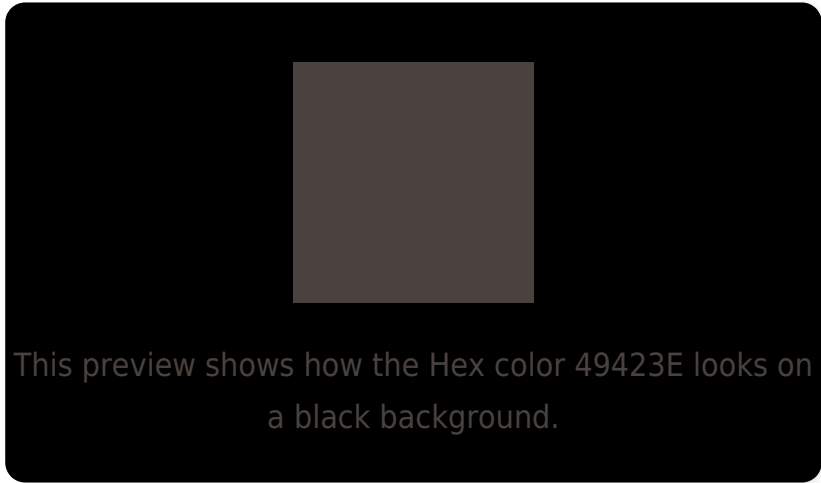
Large Text (above 18pt) WCAG AA ✓ Pass

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

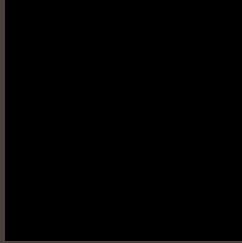
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 49423E Background



This preview shows how black text looks on a background with the Hex color 49423E.

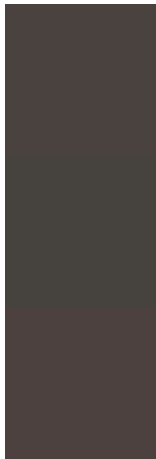


This preview shows how white text looks on a background with the Hex color 49423E.

# 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**  
49423E

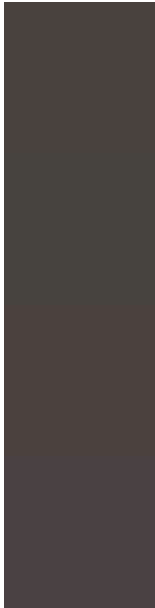
**Protanopia**  
46433F

**Deuteranopia**  
4C413E



**Tritanopia**  
4A4146

# Trichromacy



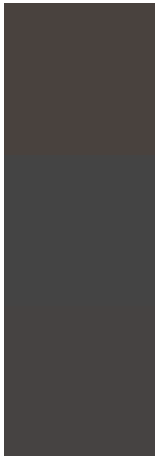
**Original Color**  
49423E

**Protanomaly**  
47433F

**Deuteranomaly**  
4B413E

**Tritanomaly**  
4A4143

# Monochromacy



**Original Color**  
49423E

**Achromatopsia**  
444444

**Achromatomaly**  
464342

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 49423E 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 #49423E looks like.

```
.text, #text, p{  
    color:#49423E  
}
```

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 #49423E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #49423E
}
```

## Border

The CSS property to change the border of an element to Hex 49423E is called "border". The border property can be set on classes, ids or directly on the HTML element.

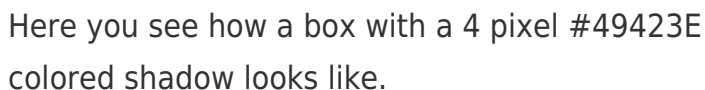
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#49423E }
```

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

```
.border{ border-color:#49423E }
```

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



Here you see how a box with a 4 pixel #49423E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #49423E; -webkit-box-shadow:4px 4px  
4px 4px #49423E; box-shadow:4px 4px 4px  
4px #49423E }
```

# Background

The CSS property to change the background color of an element to Hex 49423E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#49423E }
```

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

```
.background{ background-color:#49423E }
```

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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