

# Converting Colors

Hex(49413D)

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

<b>Hex(49413D)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(49413D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	49413D
RGB	73, 65, 61
RGB Percent	29%, 25%, 24%
CMY	0.7137, 0.7451, 0.7608
CMYK	0.00, 0.11, 0.16, 0.71
HSL	20°, 9%, 26%
HSV	20°, 16%, 29%
XYZ	5.4803, 5.5340, 5.1942
YIQ	66.9360, 6.0520, 0.4520

# Conversions

## Conversions Part 2

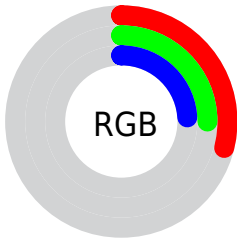
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	73, 67, 61
Decimal	4800829
CIE Lab	28.20, 2.62, 3.68
CIE LCh	28, 4.520, 54.503
Yxy	5.5340, 0.3381, 0.3414
Android (android.graphics.Color)	4282990909 (0xFF49413D)
YUV	66.9360, -2.9264, 5.3181
Hunter-Lab	23.5244, 0.4157, 3.3758

# Details

The Hex color **49413D** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **3D4549**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **7A716C**, and **1D1713** is the 20% darker color. If you saturate the color by 10%, you get **493C36**, and if you desaturate by 10%, it is **494644**.

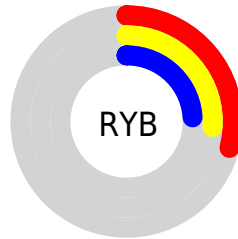
# Distribution



Red (29%)

Green (25%)

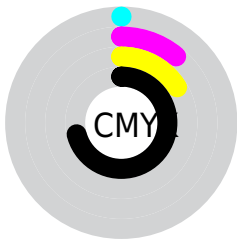
Blue (24%)



Red (29%)

Yellow (26%)

Blue (24%)

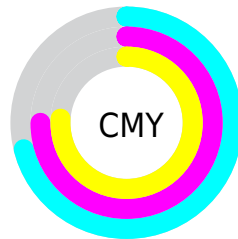


Cyan (0%)

Magenta (11%)

Yellow (16%)

Black (71%)



Cyan (71%)

Magenta (75%)

Yellow (76%)

# Brightness & Saturation Gradients

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





49413D



49413D

FFFFFF



322B27



7A716C



1D1713



938A86



000000



AEA4A0



C9C0BB



E6DBD6



FFF8F3



49413D



49413D



493C36



494644

■ 49372E

■ 494B4C

■ 493227

■ 495053

■ 492E20

■ 49545A

■ 492919

■ 495962

■ 492411

■ 495E69

■ 491F0A

■ 496370

■ 491A03

■ 496877

■ 491800

■ 496D7F

# Harmonies

## Analogous

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



4A4040



49413D



46423C

# Triad

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



49413D



3B4542



424249

# Complementary

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



49413D



3D4549

# 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



49413D



3A4545

# Square

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



49413D



3E443E



3B4448



474147

# Rectangle

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



49413D



44433C



3B4448



414249



# Sweetspot

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



49413D



5E5B5A



493D45



302F2E



B0B0B0



303030



# Same Dimension

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



49413D



5E524B



49473D



242120



632100



E34C00



# Inverse Universe

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



3D4549



4B585E



3D3F49



202324



004263

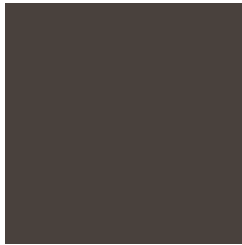


0097E3



# Previews

## White Background



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

## Color Contrast Check

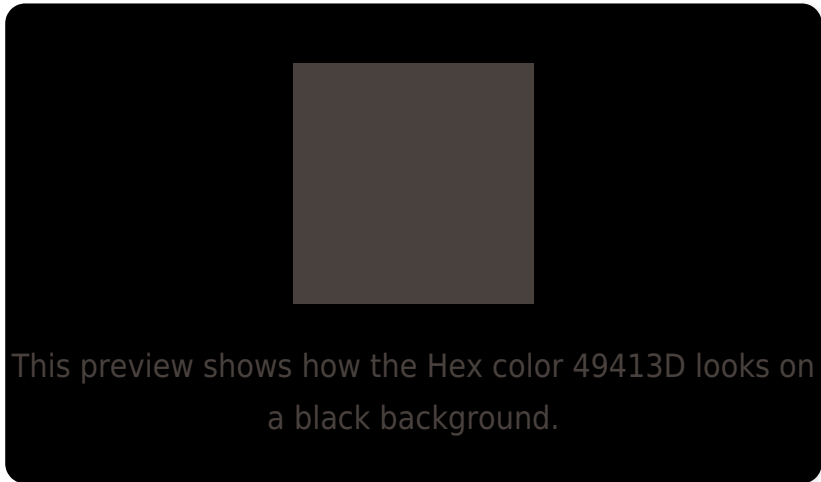
Large Text (above 18pt) WCAG AA ✓ Pass

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

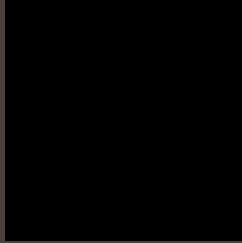
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 49413D Background



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



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

# 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](#).

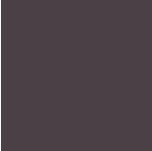
## Dichromacy



**Original Color**  
49413D

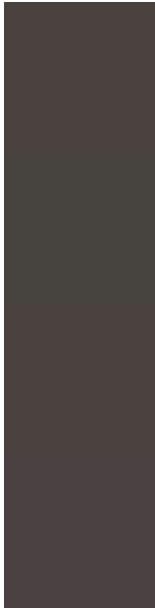
**Protanopia**  
45423E

**Deuteranopia**  
4B403D



**Tritanopia**  
4A4045

# Trichromacy



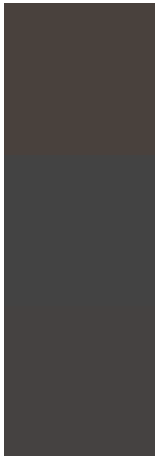
**Original Color**  
49413D

**Protanomaly**  
46423E

**Deuteranomaly**  
4A403D

**Tritanomaly**  
4A4042

# Monochromacy



**Original Color**  
49413D

**Achromatopsia**  
434343

**Achromatomaly**  
454241

# CSS Examples

## Text

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

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

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 #49413D colored shadow looks like.

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

## Border

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

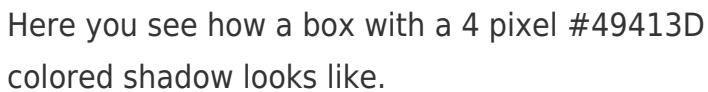
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

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

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

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

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



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

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

# Background

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

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

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

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

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor