

# Converting Colors

Hex(413B3B)

Have a look what the booklet for  
Hex(413B3B) contains.

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# Color

**Hex(413B3B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	413B3B
RGB	65, 59, 59
RGB Percent	25%, 23%, 23%
CMY	0.7451, 0.7686, 0.7686
CMYK	0.00, 0.09, 0.09, 0.75
HSL	0°, 5%, 24%
HSV	0°, 9%, 25%
XYZ	4.5334, 4.5675, 4.7804
YIQ	60.7940, 3.5760, 1.2720

# Conversions

## Conversions Part 2

<b>Format</b>	<b>Color</b>
<b>RYB</b>	65, 59, 59
Decimal	4275003
CIELab	25.47, 2.60, 0.94
CIELCh	25, 2.762, 19.823
Yxy	4.5675, 0.3266, 0.3290
Android (android.graphics.Color)	4282465083 (0xFF413B3B)
YUV	60.7940, -0.8844, 3.6887
Hunter-Lab	21.3717, 0.4627, 1.6984

# Details

The Hex color **413B3B** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **3B4141**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **716A6A**, and **171111** is the 20% darker color. If you saturate the color by 10%, you get **413535**, and if you desaturate by 10%, it is **414242**.

# Distribution



Red (25%)

Green (23%)

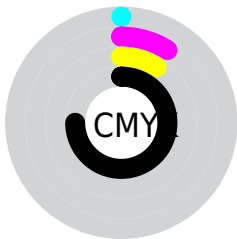
Blue (23%)



Red (25%)

Yellow (23%)

Blue (23%)



Cyan (0%)

Magenta (9%)

Yellow (9%)

Black (75%)



Cyan (75%)

Magenta (77%)

Yellow (77%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 413B3B 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 413B3B by changing the saturation by 10% instead.





413B3B



413B3B

FFFFFF



2B2525



716A6A



171111



8A8383



000000



A59D9D



C0B8B8



DBD4D4



F8F0F0



413B3B



413B3B



413535



414242

■ 412E2E

■ 414848

■ 412828

■ 414F4F

■ 412121

■ 415555

■ 411B1B

■ 415C5C

■ 411414

■ 416262

■ 410E0E

■ 416969

■ 410707

■ 416F6F

■ 410101

■ 417676

# Harmonies

## Analogous

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



403B3D



413B3B



403B39

# Triad

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



413B3B



3A3D3A



393D40

# Complementary

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



413B3B



3B4141

# 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.



383D3F



413B3B



383E3C

# Square

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



413B3B



3D3D38



373E3E



3C3C40

# Rectangle

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



413B3B



403C38



373E3E



393D40



# Sweetspot

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



413B3B



545252



413B41



2B2A2A



ABABAB



2B2B2B



# Same Dimension

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



413B3B



544B4B



413E3B



211E1E



610000



E00000



# Inverse Universe

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



3B4141



4B5454



3B3E41



1E2121



006161

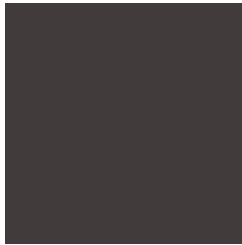


00E0E0



# Previews

## White Background



This preview shows how the Hex color 413B3B looks on a white background.

## Color Contrast Check

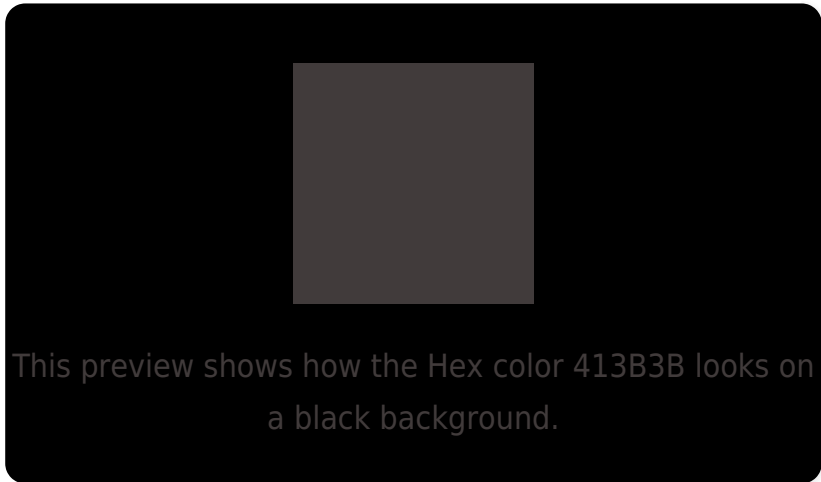
Large Text (above 18pt) WCAG AA ✓ Pass

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

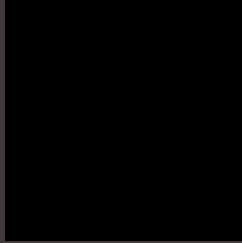
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 413B3B Background



This preview shows how black text looks on a background with the Hex color 413B3B.

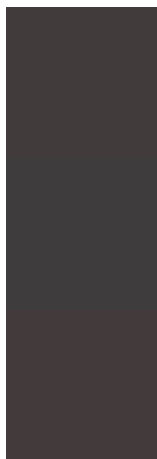


This preview shows how white text looks on a background with the Hex color 413B3B.

# 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**  
413B3B

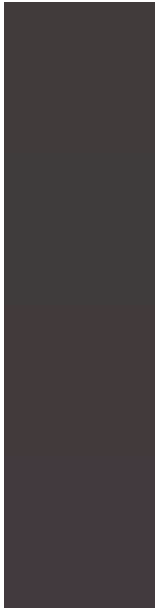
**Protanopia**  
3E3C3C

**Deuteranopia**  
433A3B



**Tritanopia**  
423A3F

# Trichromacy



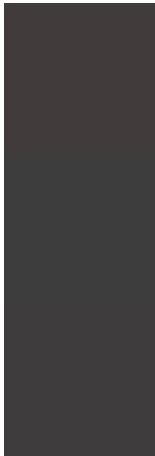
**Original Color**  
413B3B

**Protanomaly**  
3F3C3C

**Deuteranomaly**  
423A3B

**Tritanomaly**  
423A3E

# Monochromacy



**Original Color**  
413B3B

**Achromatopsia**  
3D3D3D

**Achromatomaly**  
3E3C3C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 413B3B 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 #413B3B looks like.

```
.text, #text, p{  
    color:#413B3B  
}
```

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 #413B3B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #413B3B
}
```

## Border

The CSS property to change the border of an element to Hex 413B3B is called "border". The border property can be set on classes, ids or directly on the HTML element.

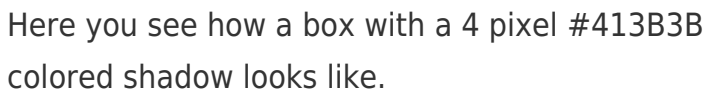
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#413B3B }
```

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

```
.border{ border-color:#413B3B }
```

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



Here you see how a box with a 4 pixel #413B3B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #413B3B; -webkit-box-shadow:4px 4px  
4px 4px #413B3B; box-shadow:4px 4px 4px  
4px #413B3B }
```

# Background

The CSS property to change the background color of an element to Hex 413B3B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#413B3B }
```

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

```
.background{ background-color:#413B3B }
```

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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