

Converting Colors

Hex(413735)

Have a look what the booklet for
Hex(413735) contains.

Hex(413735)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(413735)

Conversions

Conversions Part 1

Format	Color
Hex	413735
RGB	65, 55, 53
RGB Percent	25%, 22%, 21%
CMY	0.7451, 0.7843, 0.7922
CMYK	0.00, 0.15, 0.18, 0.75
HSL	10°, 10%, 23%
HSV	10°, 18%, 25%
XYZ	4.1888, 4.1132, 3.9413
YIQ	57.7620, 6.6020, 1.4980

Conversions

Conversions Part 2

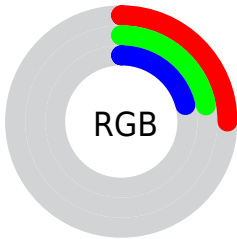
Format	Color
RYB	65, 55, 53
Decimal	4273973
CIELab	24.04, 4.02, 2.88
CIELCh	24, 4.941, 35.642
Yxy	4.1132, 0.3421, 0.3360
Android (android.graphics.Color)	4282464053 (0xFF413735)
YUV	57.7620, -2.3477, 6.3477
Hunter-Lab	20.2811, 1.3746, 2.6747

Details

The Hex color **413735** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **353F41**, and the grayscale version is **3A3A3A**.

A 20% lighter version of the original color is **716663**, and **170B08** is the 20% darker color. If you saturate the color by 10%, you get **41322F**, and if you desaturate by 10%, it is **413C3C**.

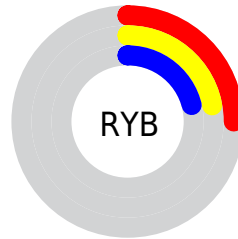
Distribution



Red (25%)

Green (22%)

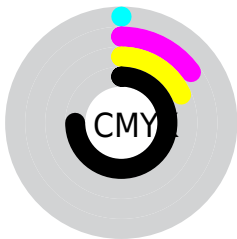
Blue (21%)



Red (25%)

Yellow (22%)

Blue (21%)

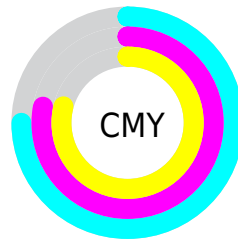


Cyan (0%)

Magenta (15%)

Yellow (18%)

Black (75%)



Cyan (75%)

Magenta (78%)

Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color 413735 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 413735 by changing the saturation by 10% instead.



413735



413735

FFFFFF



2B2220



716663



170B08



8A7F7C



000000



A59996



C0B3B1



DCCFCC



F8EBE8



413735



413735



41322F



413C3C

■ 412C28

■ 414242

■ 412722

■ 414749

■ 41211B

■ 414D4F

■ 411C15

■ 415256

■ 41170E

■ 41585C

■ 411108

■ 415D62

■ 410C01

■ 416269

■ 410B00

■ 416870

Harmonies

Analogous

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



413739



413735



3F3833

Triad

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



413735



333B36



363940

Complementary

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



413735



353F41

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.



323A40



413735



313B3A

Square

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



413735



373A33



303B3D



3B383F

Rectangle

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



413735



3D3932



303B3D



353A40

Sweetspot

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



413735



54504F



41353F



2B2928



ABABAB



2B2B2B

Same Dimension

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



413735



544542



413D35



211E1E



611000



E02500

Inverse Universe

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



353F41



425154



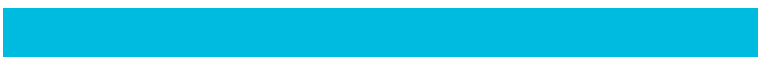
353941



1E2121



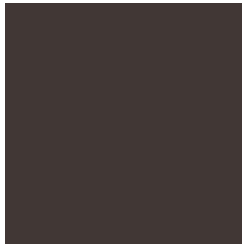
005161



00BBE0

Previews

White Background



This preview shows how the Hex color 413735 looks on a white background.

Color Contrast Check

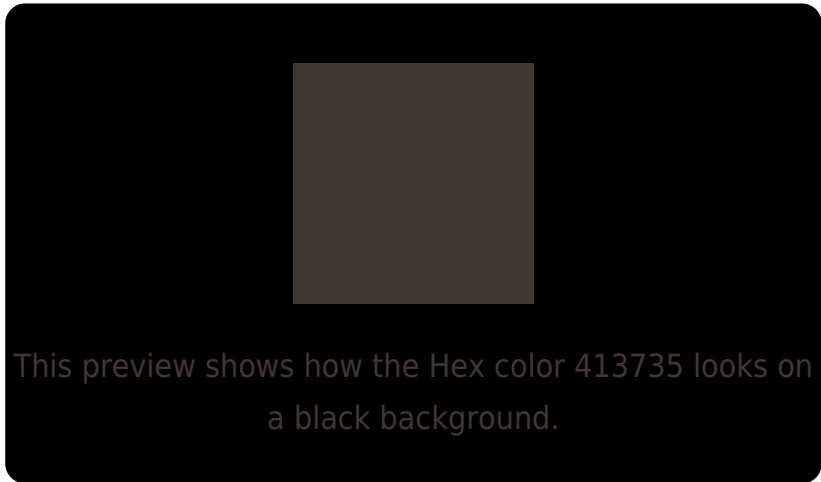
Large Text (above 18pt) WCAG AA ✓ Pass

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

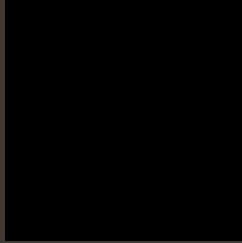
Any Text WCAG AA × Fail

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 413735 Background



This preview shows how black text looks on a background with the Hex color 413735.

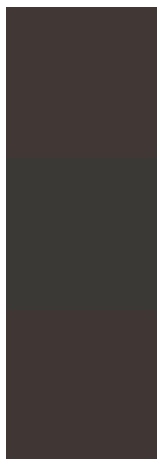


This preview shows how white text looks on a background with the Hex color 413735.

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](#).

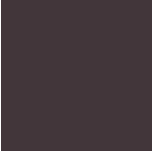
Dichromacy



Original Color
413735

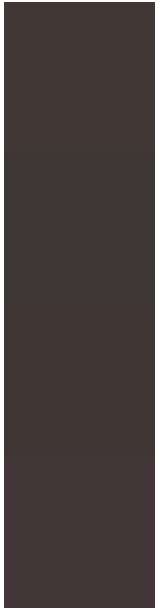
Protanopia
3B3936

Deuteranopia
403735



Tritanopia
42363A

Trichromacy



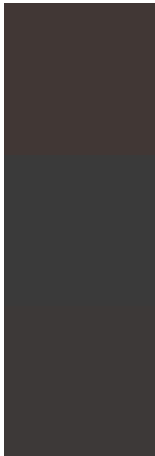
Original Color
413735

Protanomaly
3D3836

Deuteranomaly
403735

Tritanomaly
423638

Monochromacy



Original Color
413735

Achromatopsia
3A3A3A

Achromatomaly
3D3938

CSS Examples

Text

The CSS property to change the color of the text to Hex 413735 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 #413735 looks like.

```
.text, #text, p{  
    color:#413735  
}
```

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 #413735 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #413735
}
```

Border

The CSS property to change the border of an element to Hex 413735 is called "border". The border property can be set on classes, ids or directly on the HTML element.

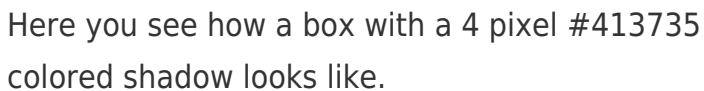
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#413735 }
```

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

```
.border{ border-color:#413735 }
```

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



Here you see how a box with a 4 pixel #413735 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #413735; -webkit-box-shadow:4px 4px  
4px 4px #413735; box-shadow:4px 4px 4px  
4px #413735 }
```

Background

The CSS property to change the background color of an element to Hex 413735 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#413735 }
```

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

```
.background{ background-color:#413735 }
```

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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