

Converting Colors

Hex(413A2C)

Have a look what the booklet for
Hex(413A2C) contains.

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Color

Hex(413A2C)

Conversions

Conversions Part 1

Format	Color
Hex	413A2C
RGB	65, 58, 44
RGB Percent	25%, 23%, 17%
CMY	0.7451, 0.7725, 0.8275
CMYK	0.00, 0.11, 0.32, 0.75
HSL	40°, 19%, 21%
HSV	40°, 32%, 25%
XYZ	4.1477, 4.3318, 3.0004
YIQ	58.4970, 8.6660, -2.8700

Conversions

Conversions Part 2

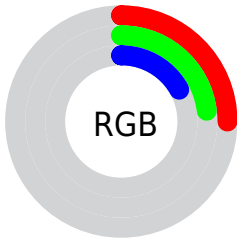
Format	Color
RYB	55, 65, 44
Decimal	4274732
CIELab	24.74, 0.43, 9.83
CIELCh	25, 9.841, 87.487
Yxy	4.3318, 0.3613, 0.3773
Android (android.graphics.Color)	4282464812 (0xFF413A2C)
YUV	58.4970, -7.1470, 5.7031
Hunter-Lab	20.8129, -0.8507, 6.0218

Details

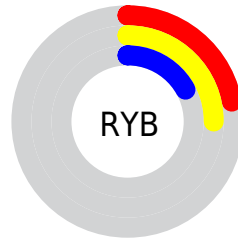
The Hex color **413A2C** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **2C3341**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **71695A**, and **170F00** is the 20% darker color. If you saturate the color by 10%, you get **413825**, and if you desaturate by 10%, it is **413C33**.

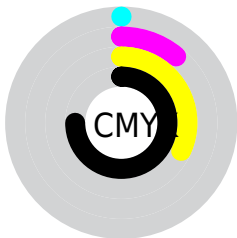
Distribution



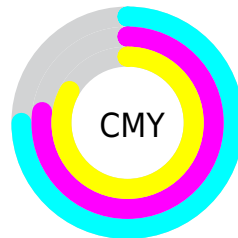
- Red (25%)
- Green (23%)
- Blue (17%)



- Red (22%)
- Yellow (25%)
- Blue (17%)



- Cyan (0%)
- Magenta (11%)
- Yellow (32%)
- Black (75%)



- Cyan (75%)
- Magenta (77%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color 413A2C 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 413A2C by changing the saturation by 10% instead.



413A2C



413A2C

FFFFFF



2B2417



71695A



170F00



8B8272



000000



A59C8C



C0B7A6



DCD3C1



F9EFDD



FFFFFFA



413A2C



413A2C

■ 413825

■ 413C33

■ 41361F

■ 413E39

■ 413418

■ 41413F

■ 413112

■ 414346

■ 412F0C

■ 41454D

■ 412D05

■ 414753

■ 412B00

■ 41495A

■ 414B60

■ 414E67

Harmonies

Analogous

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



47382E



413A2C



393C2D

Triad

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



413A2C



263F41



443743

Complementary

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



413A2C



2C3341

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.



3B3948



413A2C



293E47

Square

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



413A2C



293F3A



313C49



49363C

Rectangle

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



413A2C



333E31



313C49



413745

Sweetspot

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



413A2C



54514C



412C33



2B2A26



ABABAB



2B2B2B

Same Dimension

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



413A2C



544933



3D412C



21201E



614100



E09600

Inverse Universe

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



2C3341



333E54



2F2C41



1E1F21



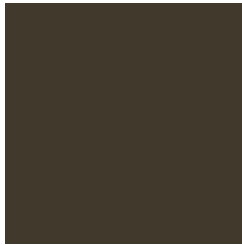
002061



004BE0

Previews

White Background



This preview shows how the Hex color 413A2C looks on a white background.

Color Contrast Check

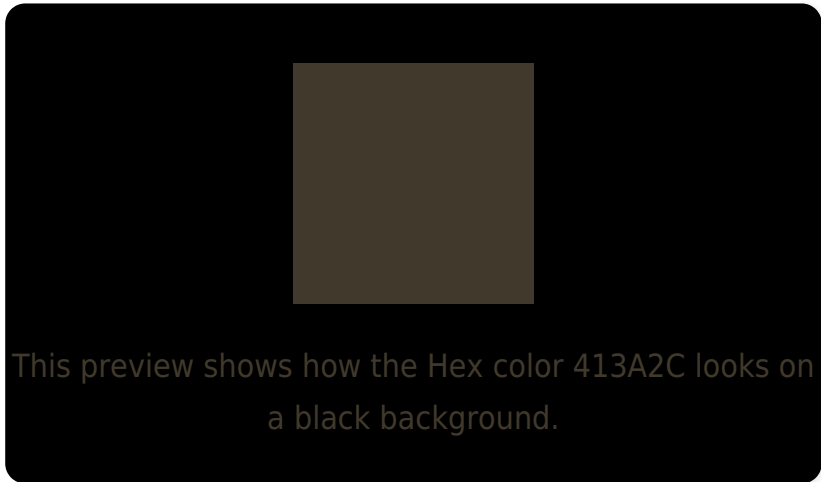
Large Text (above 18pt) WCAG AA ✓ Pass

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

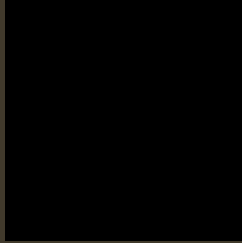
Any Text WCAG AA × Fail

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 413A2C Background



This preview shows how black text looks on a background with the Hex color 413A2C.

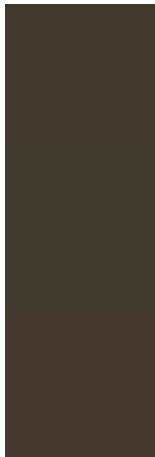


This preview shows how white text looks on a background with the Hex color 413A2C.

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](#).

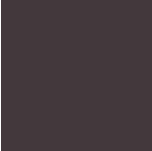
Dichromacy



Original Color
413A2C

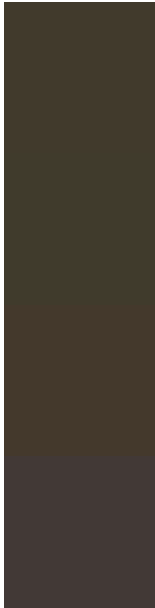
Protanopia
3F3B2C

Deuteranopia
45382C



Tritanopia
43383C

Trichromacy



Original Color
413A2C

Protanomaly
403B2C

Deuteranomaly
44392C

Tritanomaly
423936

Monochromacy



Original Color
413A2C

Achromatopsia
3A3A3A

Achromatomaly
3D3A35

CSS Examples

Text

The CSS property to change the color of the text to Hex 413A2C 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 #413A2C looks like.

```
.text, #text, p{  
    color:#413A2C  
}
```

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 #413A2C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #413A2C
}
```

Border

The CSS property to change the border of an element to Hex 413A2C is called "border". The border property can be set on classes, ids or directly on the HTML element.

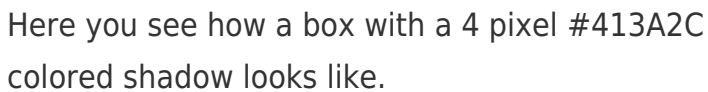
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#413A2C }
```

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

```
.border{ border-color:#413A2C }
```

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



Here you see how a box with a 4 pixel #413A2C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #413A2C; -webkit-box-shadow:4px 4px  
4px 4px #413A2C; box-shadow:4px 4px 4px  
4px #413A2C }
```

Background

The CSS property to change the background color of an element to Hex 413A2C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#413A2C }
```

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

```
.background{ background-color:#413A2C }
```

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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