

Converting Colors

Hex(413D2B)

Have a look what the booklet for
Hex(413D2B) contains.

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Color

Hex(413D2B)

Conversions

Conversions Part 1

Format	Color
Hex	413D2B
RGB	65, 61, 43
RGB Percent	25%, 24%, 17%
CMY	0.7451, 0.7608, 0.8314
CMYK	0.00, 0.06, 0.34, 0.75
HSL	49°, 20%, 21%
HSV	49°, 34%, 25%
XYZ	4.2848, 4.6357, 2.9545
YIQ	60.1440, 8.1620, -4.7500

Conversions

Conversions Part 2

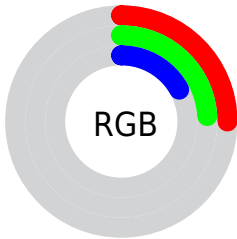
Format	Color
R_{YB}	48, 65, 43
Decimal	4275499
CIE Lab	25.67, -1.66, 11.75
CIE LCh	26, 11.864, 98.064
Yxy	4.6357, 0.3608, 0.3904
Android (android.graphics.Color)	4282465579 (0xFF413D2B)
YUV	60.1440, -8.4520, 4.2587
Hunter-Lab	21.5307, -2.1561, 6.9357

Details

The Hex color **413D2B** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **2B2F41**, and the grayscale version is **3C3C3C**.

A 20% lighter version of the original color is **716C59**, and **171300** is the 20% darker color. If you saturate the color by 10%, you get **413C25**, and if you desaturate by 10%, it is **413E32**.

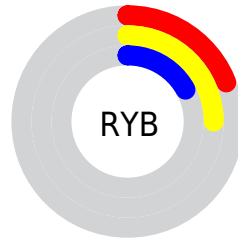
Distribution



Red (25%)

Green (24%)

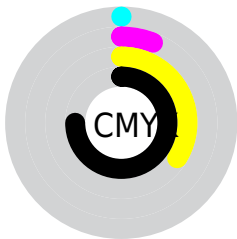
Blue (17%)



Red (19%)

Yellow (25%)

Blue (17%)

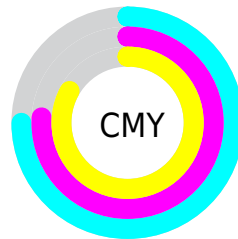


Cyan (0%)

Magenta (6%)

Yellow (34%)

Black (75%)



Cyan (75%)

Magenta (76%)

Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color 413D2B 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 413D2B by changing the saturation by 10% instead.



413D2B



413D2B

FFFFFF



2B2716



716C59



171300



8B8671



000000



A5A08B



C0BBA5



DCD6C0



F9F3DC



FFFFFF8



413D2B



413D2B

■ 413C25

■ 413E32

■ 413B1E

■ 413F38

■ 413918

■ 41413F

■ 413811

■ 414245

■ 41370B

■ 41434C

■ 413604

■ 414452

■ 413500

■ 414559

■ 41465F

■ 414866

Harmonies

Analogous

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



493A2C



413D2B



37402E

Triad

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



413D2B



234148



4A3744

Complementary

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



413D2B



2B2F41

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.



413A4B



413D2B



29404D

Square

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



413D2B



25423F



353D4E



4F363B

Rectangle

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



413D2B



304133



353D4E



483846

Sweetspot

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



413D2B



54534C



412B2F



2B2A26



ABABAB



2B2B2B

Same Dimension

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



413D2B



544E32



3A412B



21211E



614F00



E0B800

Inverse Universe

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



2B2F41



323854



322B41



1E1E21



001261



0029E0

Previews

White Background



This preview shows how the Hex color 413D2B looks on a white background.

Color Contrast Check

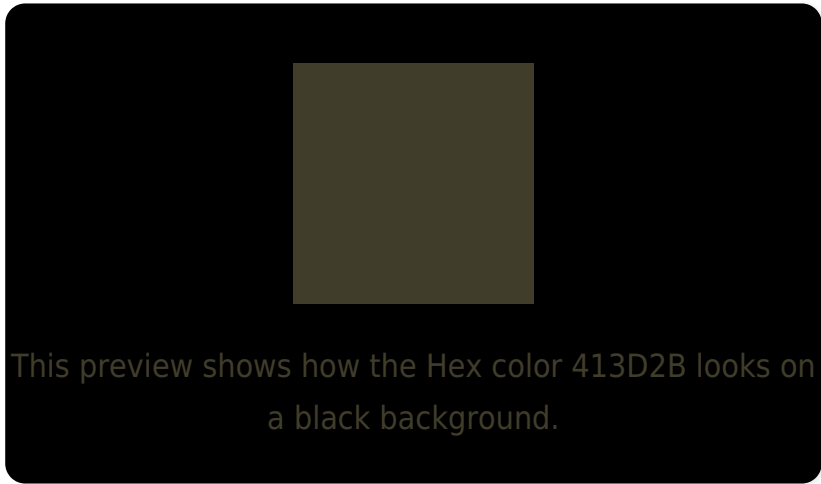
Large Text (above 18pt) WCAG AA ✓ Pass

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

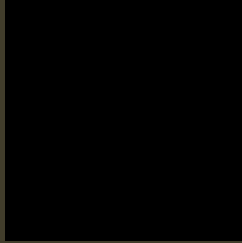
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

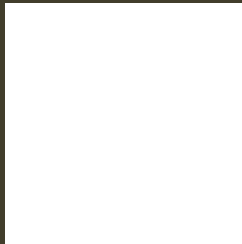
Any Text WCAG AAA × Fail

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

Hex 413D2B Background



This preview shows how black text looks on a background with the Hex color 413D2B.

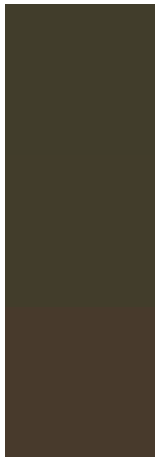


This preview shows how white text looks on a background with the Hex color 413D2B.

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
413D2B

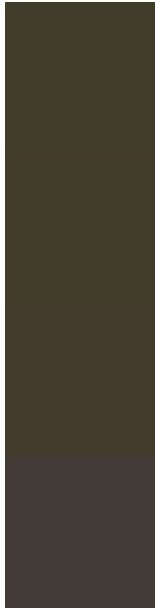
Protanopia
423D2B

Deuteranopia
483A2C



Tritanopia
433A3F

Trichromacy



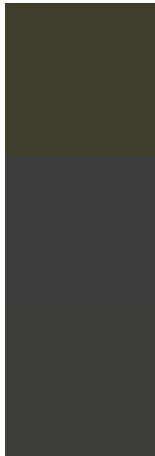
Original Color
413D2B

Protanomaly
423D2B

Deuteranomaly
453B2C

Tritanomaly
423B38

Monochromacy



Original Color
413D2B

Achromatopsia
3C3C3C

Achromatomaly
3E3C36

CSS Examples

Text

The CSS property to change the color of the text to Hex 413D2B 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 #413D2B looks like.

```
.text, #text, p{  
    color:#413D2B  
}
```

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 #413D2B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #413D2B
}
```

Border

The CSS property to change the border of an element to Hex 413D2B is called "border". The border property can be set on classes, ids or directly on the HTML element.

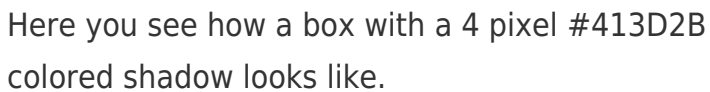
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#413D2B }
```

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

```
.border{ border-color:#413D2B }
```

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



Here you see how a box with a 4 pixel #413D2B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #413D2B; -webkit-box-shadow:4px 4px  
4px 4px #413D2B; box-shadow:4px 4px 4px  
4px #413D2B }
```

Background

The CSS property to change the background color of an element to Hex 413D2B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#413D2B }
```

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

```
.background{ background-color:#413D2B }
```

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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