

Converting Colors

Hex(413F0A)

Have a look what the booklet for
Hex(413F0A) contains.

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Color

Hex(413F0A)

Conversions

Conversions Part 1

Format	Color
Hex	413F0A
RGB	65, 63, 10
RGB Percent	25%, 25%, 4%
CMY	0.7451, 0.7529, 0.9608
CMYK	0.00, 0.03, 0.85, 0.75
HSL	58°, 73%, 15%
HSV	58°, 85%, 25%
XYZ	4.0123, 4.7007, 0.9830
YIQ	57.5560, 18.2050, -16.0590

Conversions

Conversions Part 2

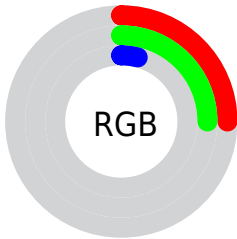
Format	Color
R_{YB}	12, 65, 10
Decimal	4275978
CIE Lab	25.86, -6.36, 30.54
CIE LCh	26, 31.190, 101.758
Yxy	4.7007, 0.4138, 0.4848
Android (android.graphics.Color)	4282466058 (0xFF413F0A)
YUV	57.5560, -23.4451, 6.5284
Hunter-Lab	21.6812, -4.9094, 12.4886

Details

The Hex color **413F0A** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **0A0C41**, and the grayscale version is **3A3A3A**.

A 20% lighter version of the original color is **736E38**, and **101500** is the 20% darker color. If you saturate the color by 10%, you get **413F04**, and if you desaturate by 10%, it is **413F10**.

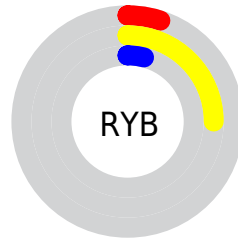
Distribution



Red (25%)

Green (25%)

Blue (4%)



Red (5%)

Yellow (25%)

Blue (4%)

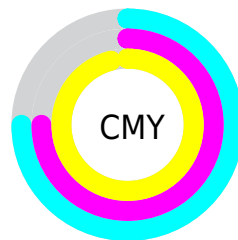


Cyan (0%)

Magenta (3%)

Yellow (85%)

Black (75%)



Cyan (75%)

Magenta (75%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color 413F0A 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 413F0A by changing the saturation by 10% instead.

 413F0A

 413F0A

 FFFFF0

 2A2900

 736E38

 101500

 8D8850

 000000

 A8A269

 C4BD82

 E0D99D

 FDF5B8

 FFFFD4

 413F0A

 413F0A

■ 413F04

■ 413F10

■ 413F00

■ 413F17

■ 41401E

■ 414024

■ 41402B

■ 414031

■ 414138

■ 41413E

■ 414145

Harmonies

Analogous

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



56370E



413F0A



274518

Triad

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



413F0A



00485C



612A4D

Complementary

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



413F0A



0A0C41

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.



4B3361



413F0A



00446A

Square

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



413F0A



004946



213D6C



682735

Rectangle

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



413F0A



0A4726



213D6C



5B2C54

Sweetspot

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



413F0A



54533F



410A0D



2B2B1E



ABABAB



2B2B2B

Same Dimension

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



413F0A



545100



28410A



21211E



615D00



E0D800

Inverse Universe

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



0A0C41



000354



230A41



1E1E21



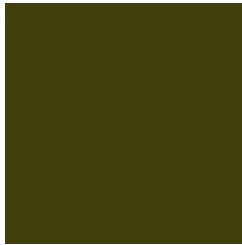
000461



0008E0

Previews

White Background



This preview shows how the Hex color 413F0A looks on a white background.

Color Contrast Check

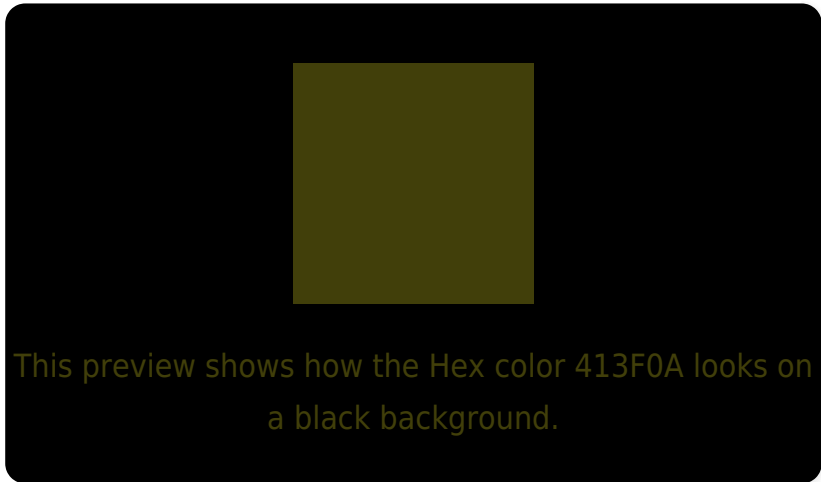
Large Text (above 18pt) WCAG AA ✓ Pass

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

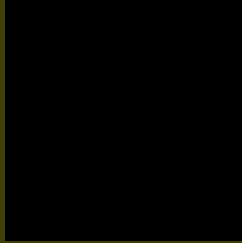
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

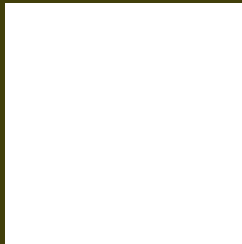
Any Text WCAG AAA × Fail

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

Hex 413F0A Background



This preview shows how black text looks on a background with the Hex color 413F0A.



This preview shows how white text looks on a background with the Hex color 413F0A.

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

413F0A

Protanopia

453E0A

Deuteranopia

4D3A0D



Tritanopia
453B3F

Trichromacy



Original Color
413F0A

Protanomaly
443E0A

Deuteranomaly
493C0C

Tritanomaly
443C2C

Monochromacy



Original Color
413F0A

Achromatopsia
3A3A3A

Achromatomaly
3D3C29

CSS Examples

Text

The CSS property to change the color of the text to Hex 413F0A 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 #413F0A looks like.

```
.text, #text, p{  
    color:#413F0A  
}
```

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 #413F0A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #413F0A
}
```

Border

The CSS property to change the border of an element to Hex 413F0A is called "border". The border property can be set on classes, ids or directly on the HTML element.

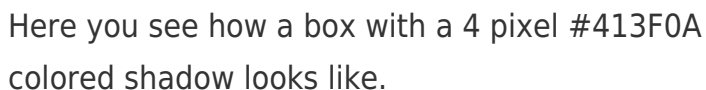
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#413F0A }
```

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

```
.border{ border-color:#413F0A }
```

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



Here you see how a box with a 4 pixel #413F0A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #413F0A; -webkit-box-shadow:4px 4px  
4px 4px #413F0A; box-shadow:4px 4px 4px  
4px #413F0A }
```

Background

The CSS property to change the background color of an element to Hex 413F0A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#413F0A }
```

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

```
.background{ background-color:#413F0A }
```

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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