

# Converting Colors

Hex(413F29)

Have a look what the booklet for  
Hex(413F29) contains.

<b>Hex(413F29)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(413F29)**

# Conversions

## Conversions Part 1

Format	Color
Hex	413F29
RGB	65, 63, 41
RGB Percent	25%, 25%, 16%
CMY	0.7451, 0.7529, 0.8392
CMYK	0.00, 0.03, 0.37, 0.75
HSL	55°, 23%, 21%
HSV	55°, 37%, 25%
XYZ	4.3577, 4.8389, 2.8022
YIQ	61.0900, 8.2540, -6.4180

# Conversions

## Conversions Part 2

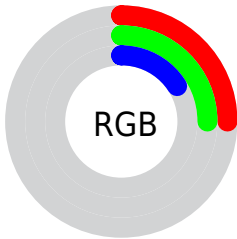
Format	Color
<a href="#">RYB</a>	<a href="#">43, 65, 41</a>
Decimal	<a href="#">4276009</a>
CIELab	<a href="#">26.27, -3.25, 13.83</a>
CIELCh	<a href="#">26, 14.209, 103.210</a>
Yxy	<a href="#">4.8389, 0.3632, 0.4033</a>
Android (android.graphics.Color)	<a href="#">4282466089 (0xFF413F29)</a>
YUV	<a href="#">61.0900, -9.9044, 3.4291</a>
Hunter-Lab	<a href="#">21.9976, -3.1349, 7.8457</a>

# Details

The Hex color **413F29** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **292B41**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **716F56**, and **161500** is the 20% darker color. If you saturate the color by 10%, you get **413E23**, and if you desaturate by 10%, it is **414030**.

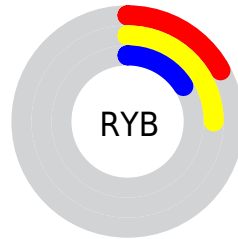
# Distribution



Red (25%)

Green (25%)

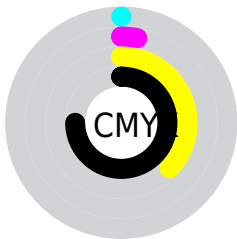
Blue (16%)



Red (17%)

Yellow (25%)

Blue (16%)

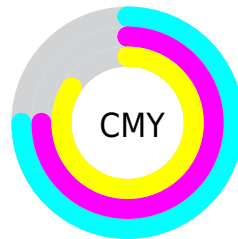


Cyan (0%)

Magenta (3%)

Yellow (37%)

Black (75%)



Cyan (75%)

Magenta (75%)

Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 413F29 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 413F29 by changing the saturation by 10% instead.





413F29



413F29

FFFFFF



2B2914



716F56



161500



8B886F



000000



A5A288



C1BDA3



DDD9BE



F9F5D9



FFFFFF6



413F29



413F29

■ 413E23

■ 414030

■ 413E1C

■ 414036

■ 413D16

■ 41413D

■ 413D0F

■ 414143

■ 413C09

■ 41424A

■ 413C02

■ 414250

■ 413C00

■ 414357

■ 41435D

■ 414464

# Harmonies

## Analogous

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



4B3B2A



413F29



35422E

# Triad

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



413F29



1D434D



503745

# Complementary

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



413F29



292B41

# 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.



463A4E



413F29



284153

# Square

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



413F29



1E4443



373E53



54363A

# Rectangle

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



413F29



2D4334



373E53



4D3848



# Sweetspot

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



413F29



54534B



41292B



2B2B26



ABABAB



2B2B2B



# Same Dimension

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



413F29



54512F



374129



21211E



615900



E0CE00



# Inverse Universe

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



292B41



2F3254



332941



1E1E21



000861



0013E0



# Previews

## White Background



This preview shows how the Hex color 413F29 looks on a white background.

## Color Contrast Check

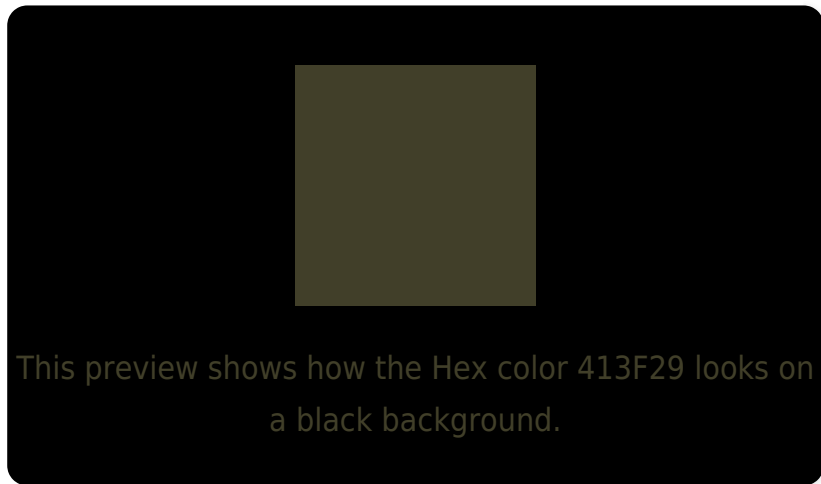
Large Text (above 18pt) WCAG AA ✓ Pass

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

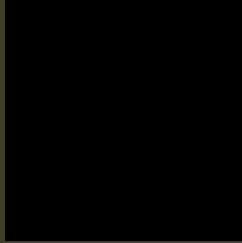
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 413F29 Background



This preview shows how black text looks on a background with the Hex color 413F29.

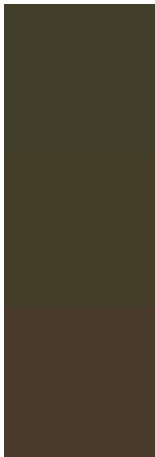


This preview shows how white text looks on a background with the Hex color 413F29.

# 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**  
413F29

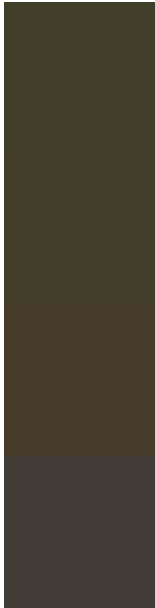
**Protanopia**  
443E29

**Deuteranopia**  
4A3B2A



**Tritanopia**  
443C41

# Trichromacy



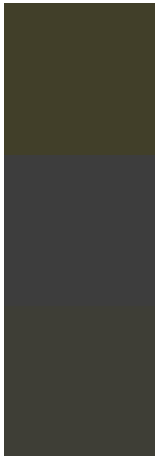
**Original Color**  
413F29

**Protanomaly**  
433E29

**Deuteranomaly**  
473C2A

**Tritanomaly**  
433D38

# Monochromacy



**Original Color**  
413F29

**Achromatopsia**  
3D3D3D

**Achromatomaly**  
3E3E36

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 413F29 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 #413F29 looks like.

```
.text, #text, p{  
    color:#413F29  
}
```

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 #413F29 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #413F29
}
```

## Border

The CSS property to change the border of an element to Hex 413F29 is called "border". The border property can be set on classes, ids or directly on the HTML element.

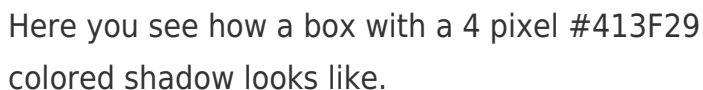
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#413F29 }
```

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

```
.border{ border-color:#413F29 }
```

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

A rectangular box with a dark blue shadow. The box is white with a thin black border. The shadow is a dark blue color, matching the #413F29 hex code mentioned in the text. The shadow is applied to the bottom and right sides of the box, creating a 3D effect.

Here you see how a box with a 4 pixel #413F29 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #413F29; -webkit-box-shadow:4px 4px  
4px 4px #413F29; box-shadow:4px 4px 4px  
4px #413F29 }
```

# Background

The CSS property to change the background color of an element to Hex 413F29 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#413F29 }
```

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

```
.background{ background-color:#413F29 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor