

# Converting Colors

Hex(403A1C)

Have a look what the booklet for  
Hex(403A1C) contains.

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# Color

Hex(403A1C)

# Conversions

## Conversions Part 1

Format	Color
Hex	403A1C
RGB	64, 58, 28
RGB Percent	25%, 23%, 11%
CMY	0.7490, 0.7725, 0.8902
CMYK	0.00, 0.09, 0.56, 0.75
HSL	50°, 39%, 18%
HSV	50°, 56%, 25%
XYZ	3.8370, 4.1999, 1.7070
YIQ	56.3740, 13.2060, -8.0580

# Conversions

## Conversions Part 2

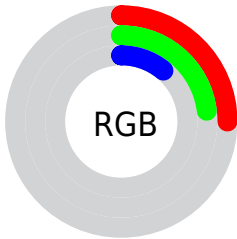
<b>Format</b>	<b>Color</b>
<b>RYB</b>	35, 64, 28
Decimal	4209180
CIELab	24.32, -2.28, 19.46
CIELCh	24, 19.597, 96.675
Yxy	4.1999, 0.3938, 0.4310
Android (android.graphics.Color)	4282399260 (0xFF403A1C)
YUV	56.3740, -13.9884, 6.6880
Hunter-Lab	20.4938, -2.4438, 9.4070

# Details

The Hex color **403A1C** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **1C2240**, and the grayscale version is **393939**.

A 20% lighter version of the original color is **716948**, and **111000** is the 20% darker color. If you saturate the color by 10%, you get **403916**, and if you desaturate by 10%, it is **403B22**.

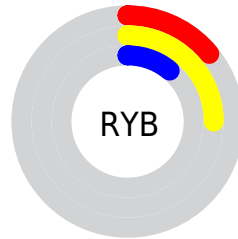
# Distribution



Red (25%)

Green (23%)

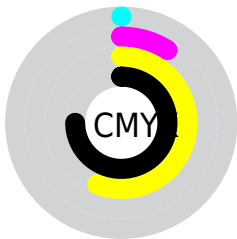
Blue (11%)



Red (14%)

Yellow (25%)

Blue (11%)

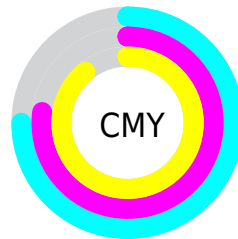


Cyan (0%)

Magenta (9%)

Yellow (56%)

Black (75%)



Cyan (75%)

Magenta (77%)

Yellow (89%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 403A1C 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 403A1C by changing the saturation by 10% instead.





403A1C



403A1C

FFFFFF



2A2404



716948



111000



8B8260



000000



A59C79



C1B793



DDD2AE



F9EFC9



FFFFE5



403A1C



403A1C

■ 403916

■ 403B22

■ 40380F

■ 403C29

■ 403709

■ 403D2F

■ 403602

■ 403E36

■ 403500

■ 403F3C

■ 404042

■ 404149

■ 40434F

■ 404456

# Harmonies

## Analogous

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



4D351F



403A1C



303E22

# Triad

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



403A1C



00414B



4F3046

# Complementary

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



403A1C



1C2240

# 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.



403551



403A1C



093E55

# Square

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



403A1C



03423D



293A57



562E37

# Rectangle

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



403A1C



244029



293A57



4B314A



# Sweetspot

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



403A1C



545246



401C22



2B2A23



ABABAB



2B2B2B



# Same Dimension

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



403A1C



544B1B



34401C



21211E



615100



E0BB00



# Inverse Universe

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



1C2240



1B2454



281C40



1E1E21



001061



0025E0



# Previews

## White Background



This preview shows how the Hex color 403A1C looks on a white background.

## Color Contrast Check

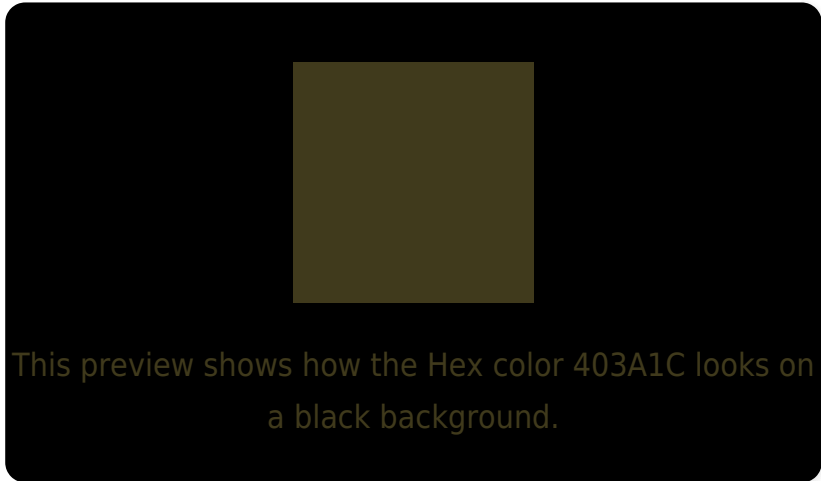
Large Text (above 18pt) WCAG AA ✓ Pass

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

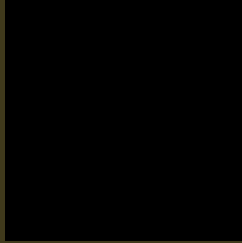
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 403A1C Background



This preview shows how black text looks on a background with the Hex color 403A1C.



This preview shows how white text looks on a background with the Hex color 403A1C.

# 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**  
403A1C

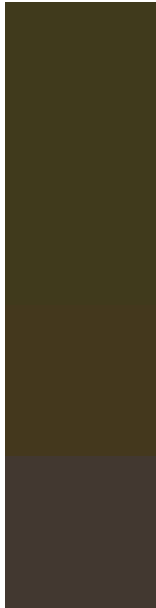
**Protanopia**  
403A1C

**Deuteranopia**  
47371D



**Tritanopia**  
43373B

# Trichromacy



**Original Color**  
403A1C

**Protanomaly**  
403A1C

**Deuteranomaly**  
44381D

**Tritanomaly**  
423830

# Monochromacy



**Original Color**  
403A1C

**Achromatopsia**  
383838

**Achromatomaly**  
3B392E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 403A1C 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 #403A1C looks like.

```
.text, #text, p{  
    color:#403A1C  
}
```

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 #403A1C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #403A1C
}
```

## Border

The CSS property to change the border of an element to Hex 403A1C is called "border". The border property can be set on classes, ids or directly on the HTML element.

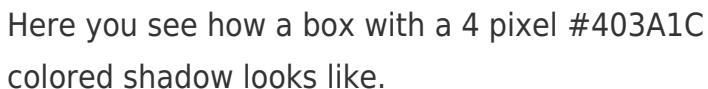
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#403A1C }
```

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

```
.border{ border-color:#403A1C }
```

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 solid dark blue color, approximately 4 pixels thick, and is cast to the right and bottom of the box.

Here you see how a box with a 4 pixel #403A1C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #403A1C; -webkit-box-shadow:4px 4px  
4px 4px #403A1C; box-shadow:4px 4px 4px  
4px #403A1C }
```

# Background

The CSS property to change the background color of an element to Hex 403A1C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#403A1C }
```

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

```
.background{ background-color:#403A1C }
```

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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