

Converting Colors

Hex(453A1C)

Have a look what the booklet for
Hex(453A1C) contains.

Hex(453A1C)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(453A1C)

Conversions

Conversions Part 1

Format	Color
Hex	453A1C
RGB	69, 58, 28
RGB Percent	27%, 23%, 11%
CMY	0.7294, 0.7725, 0.8902
CMYK	0.00, 0.16, 0.59, 0.73
HSL	44°, 42%, 19%
HSV	44°, 59%, 27%
XYZ	4.1769, 4.3752, 1.7230
YIQ	57.8690, 16.1860, -6.9980

Conversions

Conversions Part 2

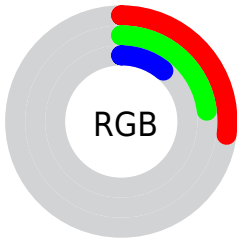
Format	Color
RYB	43, 69, 28
Decimal	4536860
CIELab	24.87, 0.26, 20.26
CIElCh	25, 20.264, 89.265
Yxy	4.3752, 0.4065, 0.4258
Android (android.graphics.Color)	4282726940 (0xFF453A1C)
YUV	57.8690, -14.7254, 9.7619
Hunter-Lab	20.9169, -0.9598, 9.7580

Details

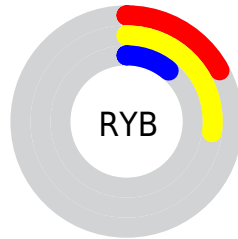
The Hex color **453A1C** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **1C2745**, and the grayscale version is **3A3A3A**.

A 20% lighter version of the original color is **776948**, and **171000** is the 20% darker color. If you saturate the color by 10%, you get **453815**, and if you desaturate by 10%, it is **453C23**.

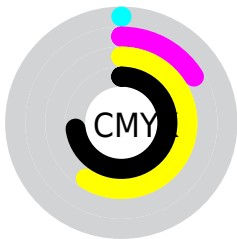
Distribution



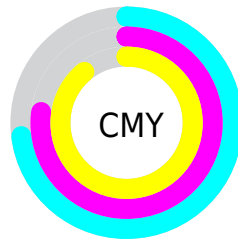
- Red (27%)
- Green (23%)
- Blue (11%)



- Red (17%)
- Yellow (27%)
- Blue (11%)



- Cyan (0%)
- Magenta (16%)
- Yellow (59%)
- Black (73%)



- Cyan (73%)
- Magenta (77%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 453A1C 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 453A1C by changing the saturation by 10% instead.



453A1C



453A1C

FFFFFF



2E2404



776948



171000



918260



000000



AC9C79



C7B793



E4D2AE



FFEFC9



FFFFE5



453A1C



453A1C

■ 453815

■ 453C23

■ 45360E

■ 453E2A

■ 453407

■ 454031

■ 453300

■ 454138

■ 453200

■ 45433F

■ 454545

■ 45474C

■ 454953

■ 454B5A

Harmonies

Analogous

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



513521



453A1C



353F20

Triad

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



453A1C



004349



4E324B

Complementary

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



453A1C



1C2745

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.



3C3756



453A1C



004155

Square

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



453A1C



09433A



223D59



572F3C

Rectangle

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



453A1C



294126



223D59



49334F

Sweetspot

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



453A1C



595549



451C28



2E2B24



ADADAD



2E2E2E

Same Dimension

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



453A1C



59481A



3C451C



242320



634900



E3A600

Inverse Universe

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



1C2745



1A2B59



251C45



202124



001B63



003DE3

Previews

White Background



This preview shows how the Hex color 453A1C looks on a white background.

Color Contrast Check

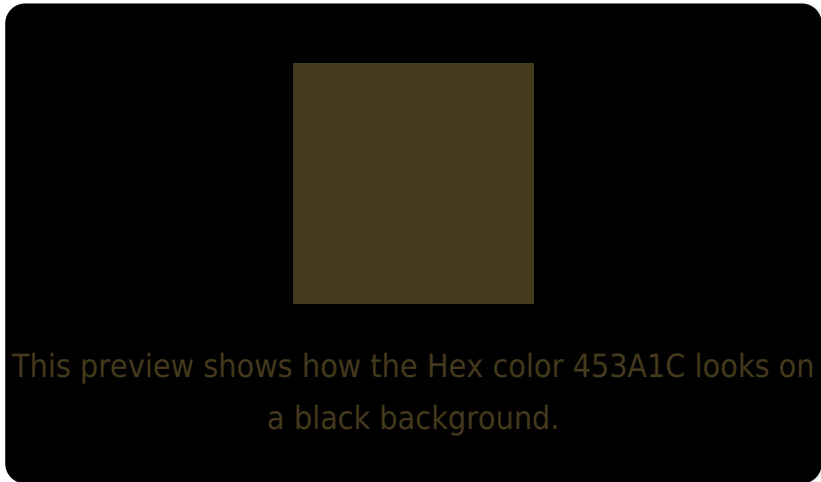
Large Text (above 18pt) WCAG AA ✓ Pass

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

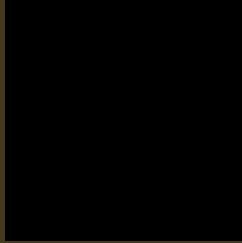
Any Text WCAG AA × Fail

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 453A1C Background



This preview shows how black text looks on a background with the Hex color 453A1C.

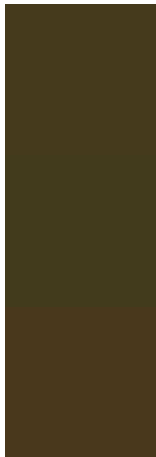


This preview shows how white text looks on a background with the Hex color 453A1C.

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
453A1C

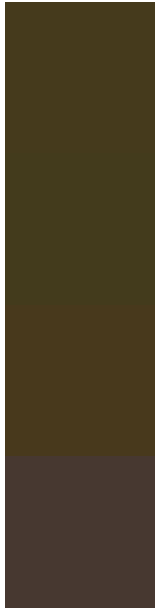
Protanopia
423B1C

Deuteranopia
49381C



Tritanopia
48373B

Trichromacy



Original Color
453A1C

Protanomaly
433B1C

Deuteranomaly
48391C

Tritanomaly
473830

Monochromacy



Original Color
453A1C

Achromatopsia
3A3A3A

Achromatomaly
3E3A2F

CSS Examples

Text

The CSS property to change the color of the text to Hex 453A1C 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 #453A1C looks like.

```
.text, #text, p{  
    color:#453A1C  
}
```

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 #453A1C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #453A1C
}
```

Border

The CSS property to change the border of an element to Hex 453A1C is called "border". The border property can be set on classes, ids or directly on the HTML element.

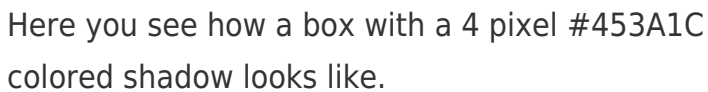
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#453A1C }
```

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

```
.border{ border-color:#453A1C }
```

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



Here you see how a box with a 4 pixel #453A1C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #453A1C; -webkit-box-shadow:4px 4px  
4px 4px #453A1C; box-shadow:4px 4px 4px  
4px #453A1C }
```

Background

The CSS property to change the background color of an element to Hex 453A1C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#453A1C }
```

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

```
.background{ background-color:#453A1C }
```

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