

Converting Colors

Hex(451C2D)

Have a look what the booklet for
Hex(451C2D) contains.

Hex(451C2D)	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(451C2D)

Conversions

Conversions Part 1

Format	Color
Hex	451C2D
RGB	69, 28, 45
RGB Percent	27%, 11%, 18%
CMY	0.7294, 0.8902, 0.8235
CMYK	0.00, 0.59, 0.35, 0.73
HSL	335°, 42%, 19%
HSV	335°, 59%, 27%
XYZ	3.3432, 2.2852, 2.7475
YIQ	42.1970, 18.9790, 13.9790

Conversions

Conversions Part 2

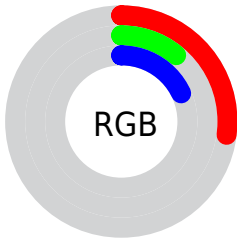
Format	Color
R _Y B	69, 28, 45
Decimal	4529197
CIE Lab	16.92, 21.94, -1.91
CIE LCh	17, 22.019, 355.032
Yxy	2.2852, 0.3991, 0.2728
Android (android.graphics.Color)	4282719277 (0xFF451C2D)
YUV	42.1970, 1.3819, 23.5062
Hunter-Lab	15.1168, 13.0217, -0.1943

Details

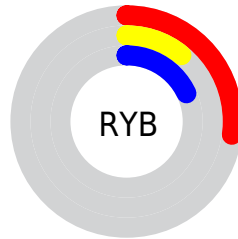
The Hex color **451C2D** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **1C4534**, and the grayscale version is **2A2A2A**.

A 20% lighter version of the original color is **77495B**, and **140000** is the 20% darker color. If you saturate the color by 10%, you get **451529**, and if you desaturate by 10%, it is **452331**.

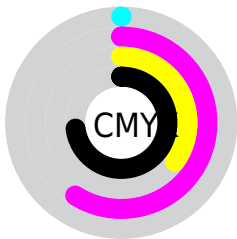
Distribution



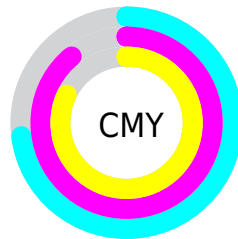
- Red (27%)
- Green (11%)
- Blue (18%)



- Red (27%)
- Yellow (11%)
- Blue (18%)



- Cyan (0%)
- Magenta (59%)
- Yellow (35%)
- Black (73%)



- Cyan (73%)
- Magenta (89%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 451C2D 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 451C2D by changing the saturation by 10% instead.



451C2D



451C2D

FFFFFF



2D0618



77495B



140000



916273



000000



AC7B8D



C895A7



E4B0C2



FFCBDE



FFE8FB



451C2D



451C2D

■ 451529

■ 452331

■ 450E25

■ 452A35

■ 450721

■ 453139

■ 45001D

■ 45383D

■ 453F41

■ 454545

■ 454C49

■ 45534D

■ 455A51

Harmonies

Analogous

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



3A203C



451C2D



461D1D

Triad

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



451C2D



262D0A



003043

Complementary

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



451C2D



1C4534

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.



003137



451C2D



123017

Square

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



451C2D



352806



003126



002C49

Rectangle

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



451C2D



432014



003126



003140

Sweetspot

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



451C2D



594950



341C45



2E2428



ADADAD



2E2E2E

Same Dimension

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



451C2D



591A34



451F1C



242022



630029



E3005E

Inverse Universe

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



451C2D



591A34



1C4245



242022



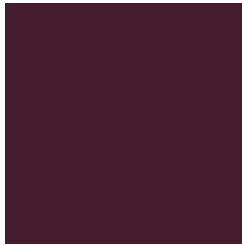
630029



E3005E

Previews

White Background



This preview shows how the Hex color 451C2D looks on a white background.

Color Contrast Check

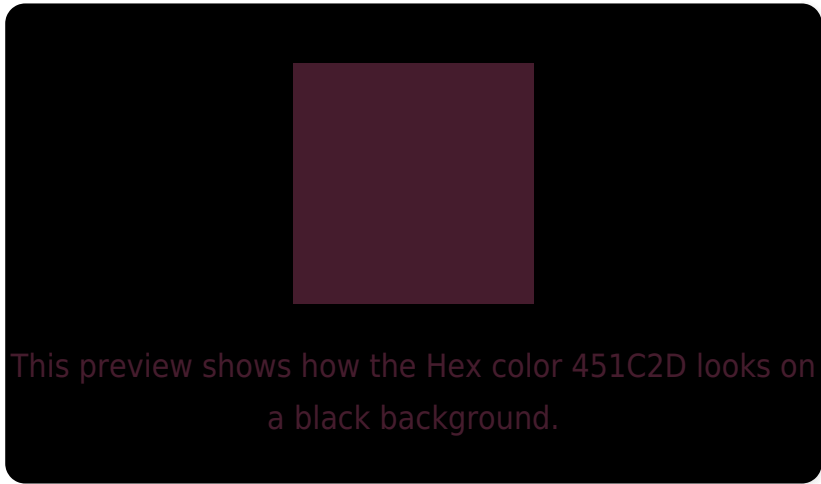
Large Text (above 18pt) WCAG AA ✓ Pass

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

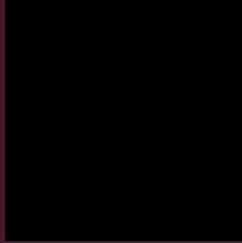
Any Text WCAG AA × Fail

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 451C2D Background



This preview shows how black text looks on a background with the Hex color 451C2D.



This preview shows how white text looks on a background with the Hex color 451C2D.

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
451C2D

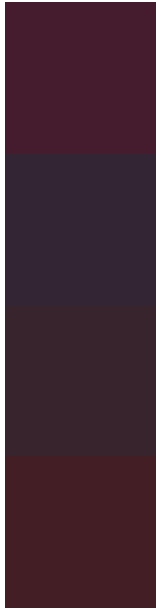
Protanopia
282A36

Deuteranopia
2F292B



Tritanopia
441F21

Trichromacy



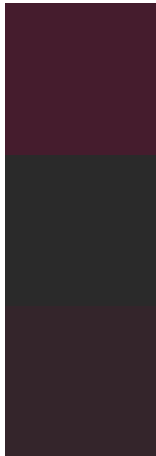
Original Color
451C2D

Protanomaly
332533

Deuteranomaly
37242C

Tritanomaly
441E25

Monochromacy



Original Color
451C2D

Achromatopsia
2A2A2A

Achromatomaly
34252B

CSS Examples

Text

The CSS property to change the color of the text to Hex 451C2D 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 #451C2D looks like.

```
.text, #text, p{  
    color:#451C2D  
}
```

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 #451C2D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #451C2D }  
}
```

Border

The CSS property to change the border of an element to Hex 451C2D is called "border". The border property can be set on classes, ids or directly on the HTML element.

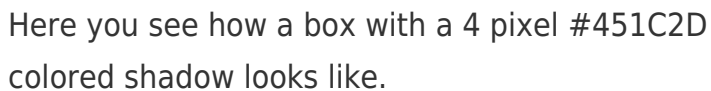
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid #451C2D }  
}
```

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

```
.border{ border-color:#451C2D }
```

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



Here you see how a box with a 4 pixel #451C2D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #451C2D; -webkit-box-shadow:4px 4px  
4px 4px #451C2D; box-shadow:4px 4px 4px  
4px #451C2D }
```

Background

The CSS property to change the background color of an element to Hex 451C2D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#451C2D }
```

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

```
.background{ background-color:#451C2D }
```

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