

Converting Colors

Hex(451C22)

Have a look what the booklet for
Hex(451C22) contains.

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Color

Hex(451C22)

Conversions

Conversions Part 1

Format	Color
Hex	451C22
RGB	69, 28, 34
RGB Percent	27%, 11%, 13%
CMY	0.7294, 0.8902, 0.8667
CMYK	0.00, 0.59, 0.51, 0.73
HSL	351°, 42%, 19%
HSV	351°, 59%, 27%
XYZ	3.1582, 2.2112, 1.7737
YIQ	40.9430, 22.5100, 10.5580

Conversions

Conversions Part 2

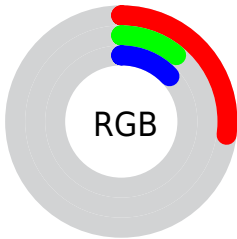
Format	Color
RYB	69, 28, 34
Decimal	4529186
CIELab	16.56, 20.41, 5.44
CIElCh	17, 21.118, 14.917
Yxy	2.2112, 0.4421, 0.3096
Android (android.graphics.Color)	4282719266 (0xFF451C22)
YUV	40.9430, -3.4229, 24.6060
Hunter-Lab	14.8701, 11.8884, 3.3369

Details

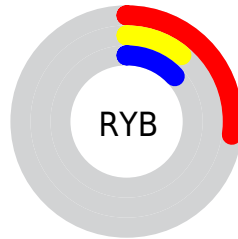
The Hex color **451C22** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **1C453F**, and the grayscale version is **292929**.

A 20% lighter version of the original color is **78494E**, and **0E0000** is the 20% darker color. If you saturate the color by 10%, you get **45151C**, and if you desaturate by 10%, it is **452328**.

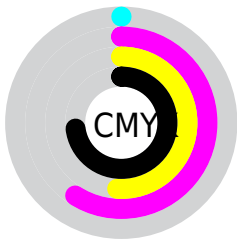
Distribution



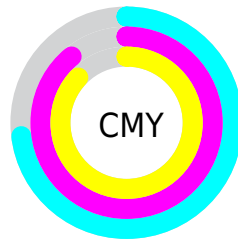
- Red (27%)
- Green (11%)
- Blue (13%)



- Red (27%)
- Yellow (11%)
- Blue (13%)



- Cyan (0%)
- Magenta (59%)
- Yellow (51%)
- Black (73%)



- Cyan (73%)
- Magenta (89%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 451C22 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 451C22 by changing the saturation by 10% instead.



451C22



451C22

FFFFFF



2E060C



78494E



0E0000



926166



000000



AD7A7F



C99499



E6AFB4



FFCBCF



FFE7EB



451C22



451C22

■ 45151C

■ 452328

■ 450E16

■ 452A2E

■ 450710

■ 453134

■ 45000A

■ 45383A

■ 453F3F

■ 454545

■ 454C4B

■ 455351

■ 455A57

Harmonies

Analogous

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



411D31



451C22



412014

Triad

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



451C22



192E13



002D46

Complementary

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



451C22



1C453F

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.



002F3E



451C22



003021

Square

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



451C22



2B2A08



003030



1C2846

Rectangle

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



451C22



3C240D



003030



002E44

Sweetspot

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



451C22



59494C



3F1C45



2E2425



ADADAD



2E2E2E

Same Dimension

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



451C22



591A23



452A1C



242021



63000F



E30021

Inverse Universe

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



451C22



591A23



1C3745



242021



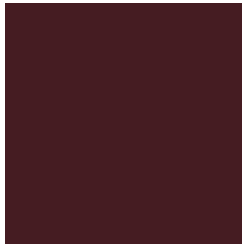
63000F



E30021

Previews

White Background



This preview shows how the Hex color 451C22 looks on a white background.

Color Contrast Check

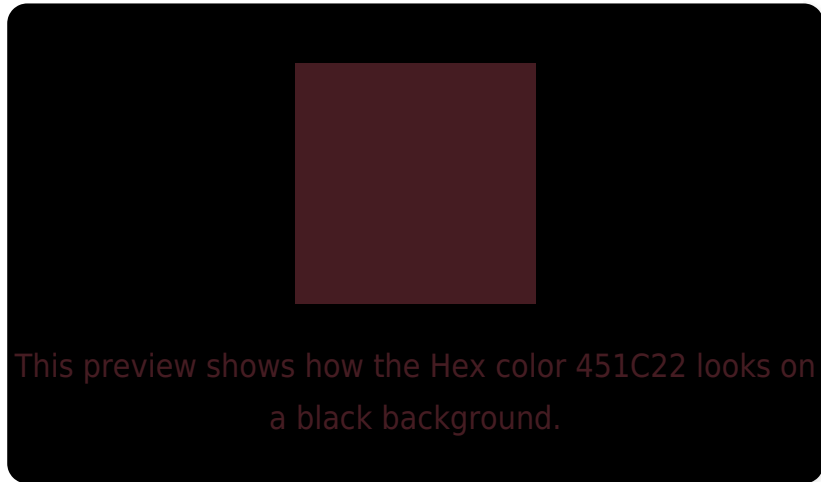
Large Text (above 18pt) WCAG AA ✓ Pass

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

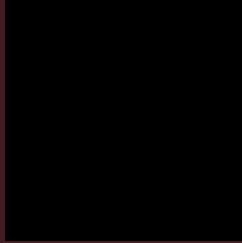
Any Text WCAG AA × Fail

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 451C22 Background



This preview shows how black text looks on a background with the Hex color 451C22.

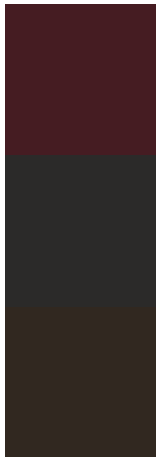


This preview shows how white text looks on a background with the Hex color 451C22.

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
451C22

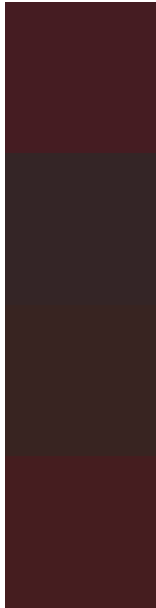
Protanopia
2B2A29

Deuteranopia
312820



Tritanopia
451D1E

Trichromacy



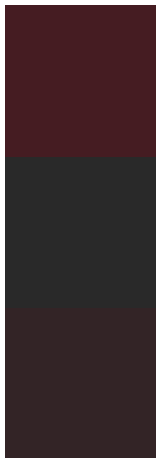
Original Color
451C22

Protanomaly
342526

Deuteranomaly
382421

Tritanomaly
451D1F

Monochromacy



Original Color
451C22

Achromatopsia
292929

Achromatomaly
332426

CSS Examples

Text

The CSS property to change the color of the text to Hex 451C22 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 #451C22 looks like.

```
.text, #text, p{  
    color:#451C22  
}
```

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 #451C22 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #451C22  
}
```

Border

The CSS property to change the border of an element to Hex 451C22 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".

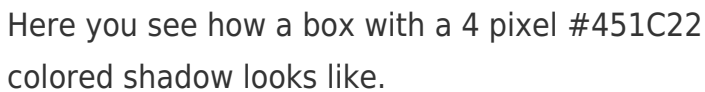
```
.border, #border, table{ border:4px solid  
#451C22 }
```

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

```
.border{ border-color:#451C22 }
```

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

Here you see how a box with a 4 pixel #451C22 colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The box is white with a thin dark red border on the top and left sides, and a thicker dark red shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #451C22; -webkit-box-shadow:4px 4px  
4px 4px #451C22; box-shadow:4px 4px 4px  
4px #451C22 }
```

Background

The CSS property to change the background color of an element to Hex 451C22 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#451C22 }
```

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

```
.background{ background-color:#451C22 }
```

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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