

Converting Colors

Hex(450C1B)

Have a look what the booklet for
Hex(450C1B) contains.

Hex(450C1B)	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(450C1B)

Conversions

Conversions Part 1

Format	Color
Hex	450C1B
RGB	69, 12, 27
RGB Percent	27%, 5%, 11%
CMY	0.7294, 0.9529, 0.8941
CMYK	0.00, 0.83, 0.61, 0.73
HSL	344°, 70%, 16%
HSV	344°, 83%, 27%
XYZ	2.7835, 1.6073, 1.2004
YIQ	30.7530, 29.1570, 16.7490

Conversions

Conversions Part 2

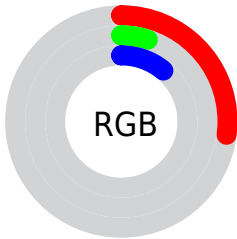
Format	Color
RYB	69, 12, 27
Decimal	4525083
CIELab	13.27, 27.94, 5.96
CIELCh	13, 28.565, 12.043
Yxy	1.6073, 0.4978, 0.2875
Android (android.graphics.Color)	4282715163 (0xFF450C1B)
YUV	30.7530, -1.8502, 33.5426
Hunter-Lab	12.6779, 17.0051, 3.2605




Details

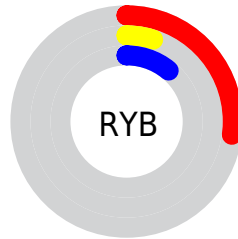
The Hex color **450C1B** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **0C4536**, and the grayscale version is **1F1F1F**.




A 20% lighter version of the original color is **793B46**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **450516**, and if you desaturate by 10%, it is **451320**.

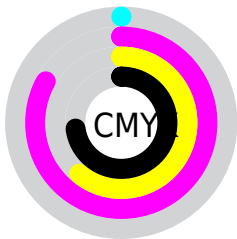
Distribution







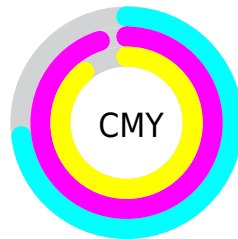
-  Red (27%)
-  Green (5%)
-  Blue (11%)






-  Red (27%)
-  Yellow (5%)
-  Blue (11%)



-  Cyan (0%)
-  Magenta (83%)
-  Yellow (61%)
-  Black (73%)



-  Cyan (73%)
-  Magenta (95%)
-  Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 450C1B 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 450C1B by changing the saturation by 10% instead.

 450C1B

 450C1B

 FFF5FE

 2F0000

 793B46

 000000

 94535D

 AF6C76

 CC8690

 E9A1AA

 FFBCC5

 FFD8E1

 450C1B

 450C1B

■ 450516

■ 451320

■ 450012

■ 451A25

■ 45212A

■ 45282F

■ 452F34

■ 45353A

■ 453C3F

■ 454344

■ 454A49

Harmonies

Analogous

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



3F0F2F



450C1B



411303

Triad

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



450C1B



0F2800



002848

Complementary

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



450C1B



0C4536

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.



002A3C



450C1B



002A15

Square

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



450C1B



252400



002B2A



002249

Rectangle

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



450C1B



3A1A00



002B2A



002945

Sweetspot

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



450C1B



594349



360C45



2E2024



ADADAD



2E2E2E

Same Dimension

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



450C1B



590118



45190C



242021



63001A



E3003C

Inverse Universe

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



450C1B



590118



0C3845



242021



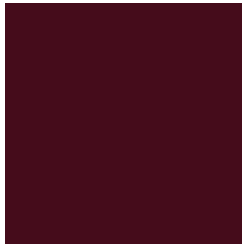
63001A



E3003C

Previews

White Background



This preview shows how the Hex color 450C1B looks on a white background.

Color Contrast Check

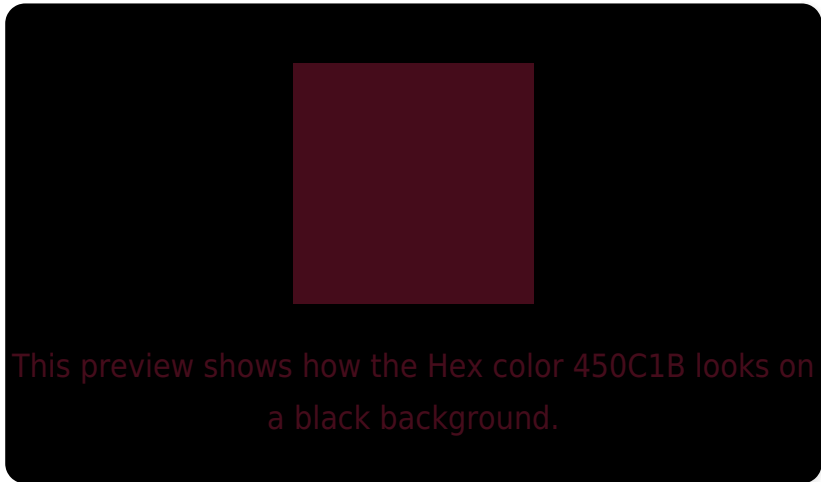
Large Text (above 18pt) WCAG AA ✓ Pass

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

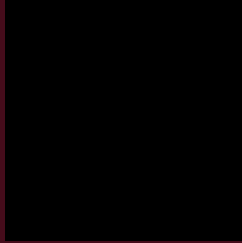
Any Text WCAG AA × Fail

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 450C1B Background



This preview shows how black text looks on a background with the Hex color 450C1B.



This preview shows how white text looks on a background with the Hex color 450C1B.

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
450C1B

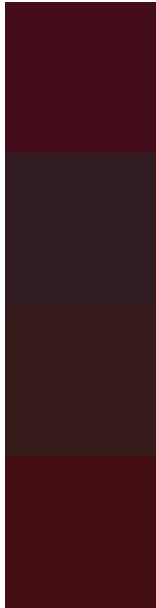
Protanopia
252426

Deuteranopia
2C2318



Tritanopia
450F0F

Trichromacy



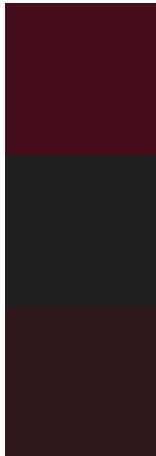
Original Color
450C1B

Protanomaly
311B22

Deuteranomaly
351B19

Tritanomaly
450E13

Monochromacy



Original Color
450C1B

Achromatopsia
1F1F1F

Achromatomaly
2D181E

CSS Examples

Text

The CSS property to change the color of the text to Hex 450C1B 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 #450C1B looks like.

```
.text, #text, p{  
    color:#450C1B  
}
```

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 #450C1B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #450C1B
}
```

Border

The CSS property to change the border of an element to Hex 450C1B is called "border". The border property can be set on classes, ids or directly on the HTML element.

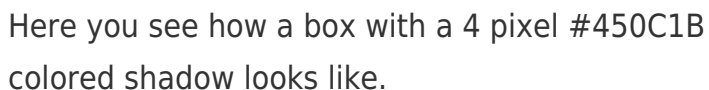
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#450C1B }
```

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

```
.border{ border-color:#450C1B }
```

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



Here you see how a box with a 4 pixel #450C1B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #450C1B; -webkit-box-shadow:4px 4px  
4px 4px #450C1B; box-shadow:4px 4px 4px  
4px #450C1B }
```

Background

The CSS property to change the background color of an element to Hex 450C1B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#450C1B }
```

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

```
.background{ background-color:#450C1B }
```

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