

Converting Colors

Hex(450802)

Have a look what the booklet for
Hex(450802) contains.

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Color

Hex(450802)

Conversions

Conversions Part 1

Format	Color
Hex	450802
RGB	69, 8, 2
RGB Percent	27%, 3%, 1%
CMY	0.7294, 0.9686, 0.9922
CMYK	0.00, 0.88, 0.97, 0.73
HSL	5°, 94%, 14%
HSV	5°, 97%, 27%
XYZ	2.5520, 1.4433, 0.2015
YIQ	25.5550, 38.2820, 11.0660

Conversions

Conversions Part 2

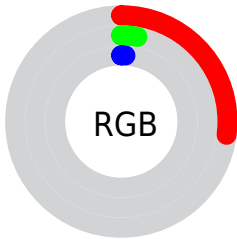
Format	Color
RYB	69, 9, 2
Decimal	4524034
CIELab	12.24, 27.99, 18.23
CIELCh	12, 33.398, 33.074
Yxy	1.4433, 0.6081, 0.3439
Android (android.graphics.Color)	4282714114 (0xFF450802)
YUV	25.5550, -11.6126, 38.1013
Hunter-Lab	12.0136, 16.8949, 7.4150

Details

The Hex color **450802** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **023F45**, and the grayscale version is **1A1A1A**.

A 20% lighter version of the original color is **7A3831**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **450600**, and if you desaturate by 10%, it is **450E09**.

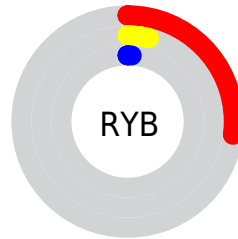
Distribution



Red (27%)

Green (3%)

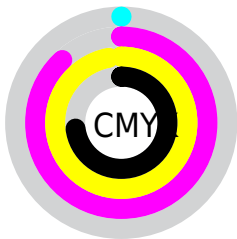
Blue (1%)



Red (27%)

Yellow (4%)

Blue (1%)

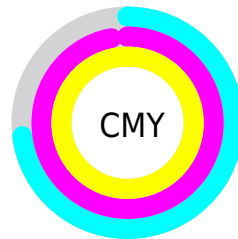


Cyan (0%)

Magenta (88%)

Yellow (97%)

Black (73%)



Cyan (73%)

Magenta (97%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the Hex color 450802 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 450802 by changing the saturation by 10% instead.

 450802

 450802

 FFF1E3

 2D0000

 7A3831

 000000

 965047

 B2695F

 CF8378

 EC9D91

 FFB8AC

 FFD4C7

 450802

 450802

■ 450600

■ 450E09

■ 451510

■ 451B17

■ 45211E

■ 452725

■ 452E2B

■ 453432

■ 453A39

■ 454140

Harmonies

Analogous

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



47011F



450802



391600

Triad

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



450802



002906



00224F

Complementary

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



450802



023F45

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.



002849



450802



002A22

Square

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



450802



102500



002A39



201847

Rectangle

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



450802



2E1D00



002A39



00254E

Sweetspot

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



450802



59423F



45023F



2E1F1E



ADADAD



2E2E2E

Same Dimension

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



450802



590800



452902



242020



630900



E31400

Inverse Universe

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



023F45



005159



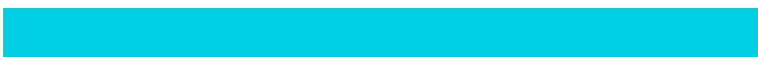
021E45



202324



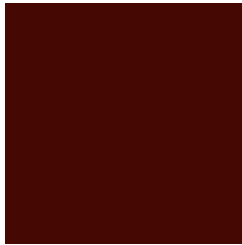
005B63



00CFE3

Previews

White Background



This preview shows how the Hex color 450802 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

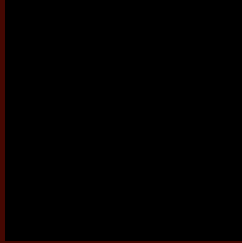
Any Text WCAG AA × Fail

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 450802 Background



This preview shows how black text looks on a background with the Hex color 450802.

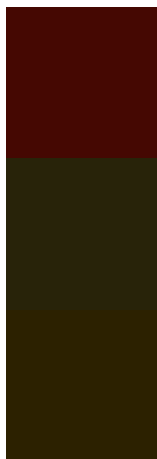


This preview shows how white text looks on a background with the Hex color 450802.

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
450802

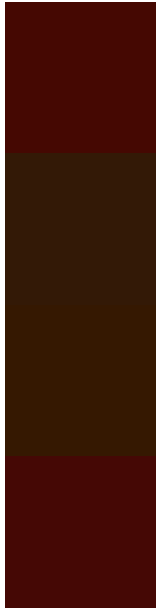
Protanopia
282309

Deuteranopia
2C2100



Tritanopia
450806

Trichromacy



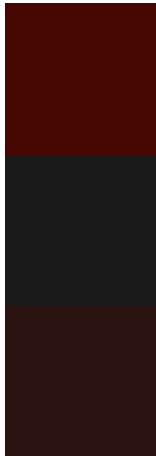
Original Color
450802

Protanomaly
331906

Deuteranomaly
351801

Tritanomaly
450805

Monochromacy



Original Color
450802

Achromatopsia
1A1A1A

Achromatomaly
2A1311

CSS Examples

Text

The CSS property to change the color of the text to Hex 450802 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 #450802 looks like.

```
.text, #text, p{  
    color:#450802  
}
```

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 #450802 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #450802
}
```

Border

The CSS property to change the border of an element to Hex 450802 is called "border". The border property can be set on classes, ids or directly on the HTML element.

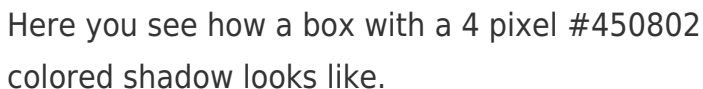
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#450802 }
```

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

```
.border{ border-color:#450802 }
```

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



Here you see how a box with a 4 pixel #450802 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #450802; -webkit-box-shadow:4px 4px  
4px 4px #450802; box-shadow:4px 4px 4px  
4px #450802 }
```

Background

The CSS property to change the background color of an element to Hex 450802 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#450802 }
```

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

```
.background{ background-color:#450802 }
```

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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