

Converting Colors

Hex(450813)

Have a look what the booklet for
Hex(450813) contains.

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Color

Hex(450813)

Conversions

Conversions Part 1

Format	Color
Hex	450813
RGB	69, 8, 19
RGB Percent	27%, 3%, 7%
CMY	0.7294, 0.9686, 0.9255
CMYK	0.00, 0.88, 0.72, 0.73
HSL	349°, 79%, 15%
HSV	349°, 88%, 27%
XYZ	2.6586, 1.4859, 0.7628
YIQ	27.4930, 32.8250, 16.3530

Conversions

Conversions Part 2

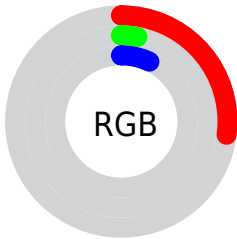
Format	Color
R_{YB}	69, 8, 19
Decimal	4524051
CIE Lab	12.52, 28.86, 10.67
CIE LCh	13, 30.766, 20.298
Yxy	1.4859, 0.5418, 0.3028
Android (android.graphics.Color)	4282714131 (0xFF450813)
YUV	27.4930, -4.1870, 36.4016
Hunter-Lab	12.1897, 17.5995, 4.8227

Details

The Hex color **450813** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **08453A**, and the grayscale version is **1C1C1C**.

A 20% lighter version of the original color is **7A383D**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **45010D**, and if you desaturate by 10%, it is **450F19**.

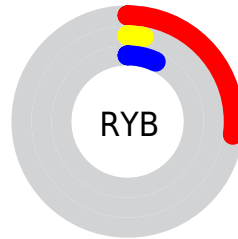
Distribution



Red (27%)

Green (3%)

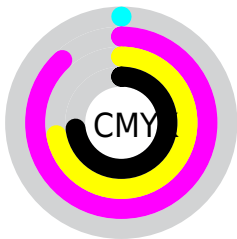
Blue (7%)



Red (27%)

Yellow (3%)

Blue (7%)

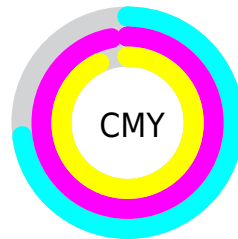


Cyan (0%)

Magenta (88%)

Yellow (72%)

Black (73%)



Cyan (73%)

Magenta (97%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 450813 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 450813 by changing the saturation by 10% instead.

 450813

 450813

 FFF1F3

 2E0000

 7A383D

 000000

 955154

 B1696C

 CD8386

 EA9EA0

 FFB9BB

 FFD5D6

 450813

 450813

■ 45010D

■ 450F19

■ 45000C

■ 45161E

■ 451D24

■ 45242A

■ 452B2F

■ 453135

■ 45383B

■ 453F40

■ 454646

Harmonies

Analogous

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



420728



450813



3E1300

Triad

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



450813



012800



00254B

Complementary

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



450813



08453A

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.



002941



450813



002A19

Square

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



450813



1D2400



002A2F



0C1E49

Rectangle

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



450813



351A00



002A2F



002749

Sweetspot

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



450813



594145



3A0845



2E1F22



ADADAD



2E2E2E

Same Dimension

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



450813



590010



451B08



242021



630012



E30029

Inverse Universe

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



450813



590010



083245



242021



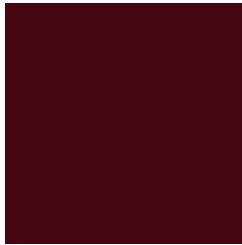
630012



E30029

Previews

White Background



This preview shows how the Hex color 450813 looks on a white background.

Color Contrast Check

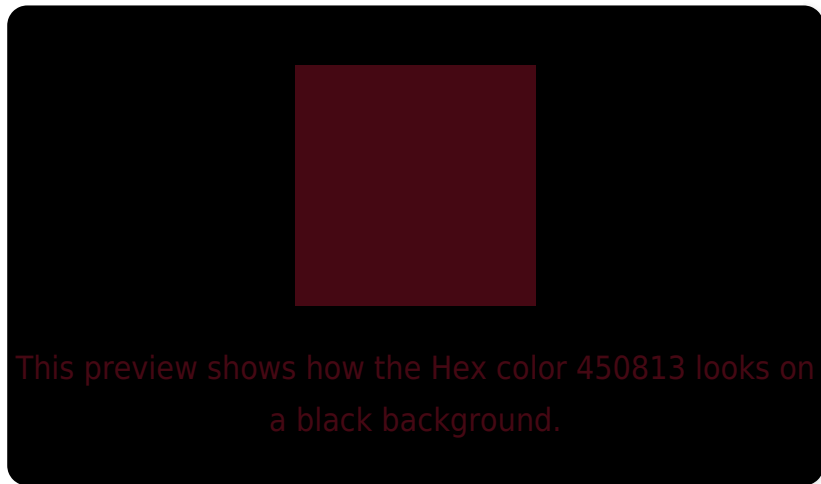
Large Text (above 18pt) WCAG AA ✓ Pass

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

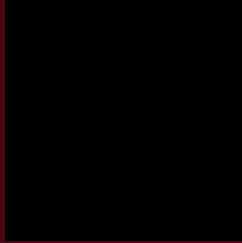
Any Text WCAG AA × Fail

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 450813 Background



This preview shows how black text looks on a background with the Hex color 450813.



This preview shows how white text looks on a background with the Hex color 450813.

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
450813

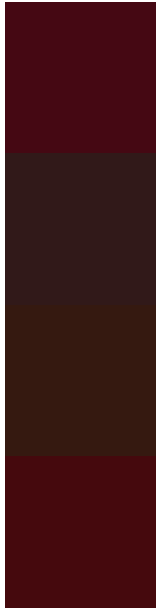
Protanopia
26231C

Deuteranopia
2C220F



Tritanopia
450A0A

Trichromacy



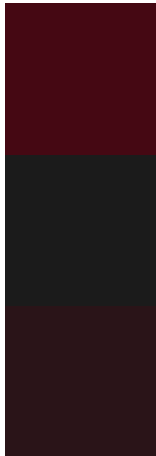
Original Color
450813

Protanomaly
311919

Deuteranomaly
351910

Tritanomaly
45090D

Monochromacy



Original Color
450813

Achromatopsia
1B1B1B

Achromatomaly
2A1418

CSS Examples

Text

The CSS property to change the color of the text to Hex 450813 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 #450813 looks like.

```
.text, #text, p{  
    color:#450813  
}
```

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 #450813 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #450813
}
```

Border

The CSS property to change the border of an element to Hex 450813 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".

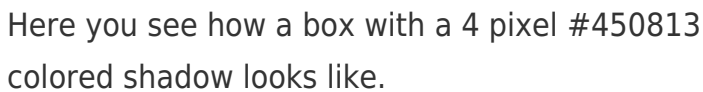
```
.border, #border, table{ border:4px solid
#450813 }
```

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

```
.border{ border-color:#450813 }
```

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

Here you see how a box with a 4 pixel #450813 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 #450813; -webkit-box-shadow:4px 4px  
4px 4px #450813; box-shadow:4px 4px 4px  
4px #450813 }
```

Background

The CSS property to change the background color of an element to Hex 450813 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#450813 }
```

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

```
.background{ background-color:#450813 }
```

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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