

Converting Colors

Hex(450E38)

Have a look what the booklet for
Hex(450E38) contains.

Hex(450E38)	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(450E38)

Conversions

Conversions Part 1

Format	Color
Hex	450E38
RGB	69, 14, 56
RGB Percent	27%, 5%, 22%
CMY	0.7294, 0.9451, 0.7804
CMYK	0.00, 0.80, 0.19, 0.73
HSL	314°, 66%, 16%
HSV	314°, 80%, 27%
XYZ	3.3251, 1.8648, 3.9261
YIQ	35.2330, 19.2980, 24.7220

Conversions

Conversions Part 2

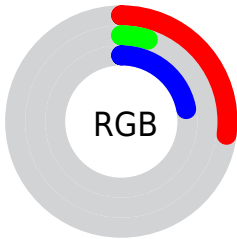
Format	Color
RYB	69, 14, 56
Decimal	4525624
CIELab	14.76, 30.94, -13.04
CIElCh	15, 33.572, 337.148
Yxy	1.8648, 0.3648, 0.2046
Android (android.graphics.Color)	4282715704 (0xFF450E38)
YUV	35.2330, 10.2381, 29.6137
Hunter-Lab	13.6558, 19.5658, -7.4869




Details

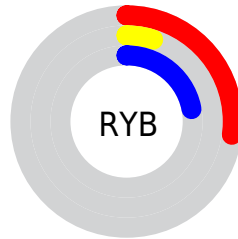
The Hex color **450E38** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **0E451B**, and the grayscale version is **232323**.




A 20% lighter version of the original color is **773E67**, and **10000A** is the 20% darker color. If you saturate the color by 10%, you get **450736**, and if you desaturate by 10%, it is **45153A**.

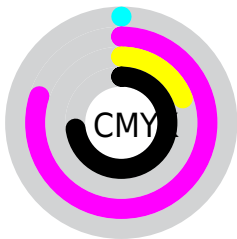
Distribution







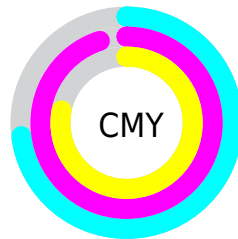
-  Red (27%)
-  Green (5%)
-  Blue (22%)






-  Red (27%)
-  Yellow (5%)
-  Blue (22%)



-  Cyan (0%)
-  Magenta (80%)
-  Yellow (19%)
-  Black (73%)



-  Cyan (73%)
-  Magenta (95%)
-  Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 450E38 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 450E38 by changing the saturation by 10% instead.

 450E38

 450E38

 FFF8FF

 2E0023

 773E67

 10000A

 925680

 000000

 AD6F9A

 C989B5

 E5A4D1

 FFC0ED

 FFDCFF

 450E38

 450E38

■ 450736

■ 45153A

■ 450035

■ 451C3B

■ 45233D

■ 452A3F

■ 453140

■ 453742

■ 453E43

■ 454545

■ 454C47

Harmonies

Analogous

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



2C1C4B



450E38



4E0721

Triad

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



450E38



2A2600



002F41

Complementary

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



450E38



0E451B

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.



002F2A



450E38



122B00

Square

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



450E38



3E1D00



002E11



002D51

Rectangle

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



450E38



4D0C11



002E11



002F3A

Sweetspot

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



450E38



594454



1B0E45



2E212B



ADADAD



2E2E2E

Same Dimension

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



450E38



590445



450E1D



242023



63004C



E300AD

Inverse Universe

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



450E38



590445



0E4536



242023



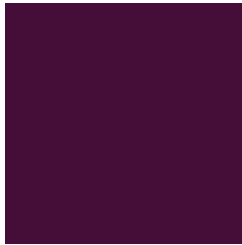
63004C



E300AD

Previews

White Background



This preview shows how the Hex color 450E38 looks on a white background.

Color Contrast Check

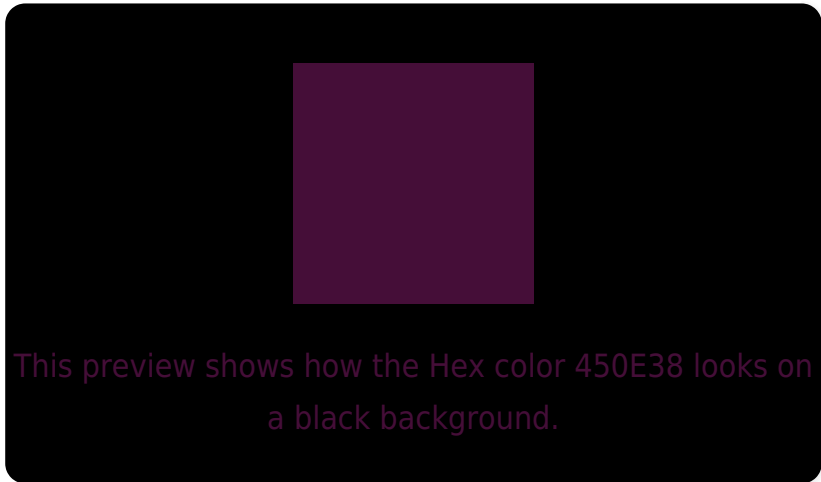
Large Text (above 18pt) WCAG AA ✓ Pass

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

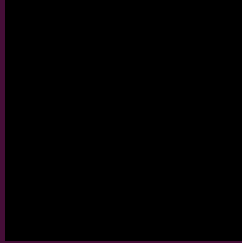
Any Text WCAG AA × Fail

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 450E38 Background



This preview shows how black text looks on a background with the Hex color 450E38.



This preview shows how white text looks on a background with the Hex color 450E38.

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
450E38

Protanopia
12264B

Deuteranopia
232735



Tritanopia
42191A

Trichromacy



Original Color
450E38

Protanomaly
251D44

Deuteranomaly
2F1E36

Tritanomaly
431525

Monochromacy



Original Color
450E38

Achromatopsia
232323

Achromatomaly
2F1B2B

CSS Examples

Text

The CSS property to change the color of the text to Hex 450E38 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 #450E38 looks like.

```
.text, #text, p{  
    color:#450E38  
}
```

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 #450E38 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #450E38  
}
```

Border

The CSS property to change the border of an element to Hex 450E38 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  
#450E38 }
```

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

```
.border{ border-color:#450E38 }
```

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

Here you see how a box with a 4 pixel #450E38 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #450E38; -webkit-box-shadow:4px 4px  
4px 4px #450E38; box-shadow:4px 4px 4px  
4px #450E38 }
```

Background

The CSS property to change the background color of an element to Hex 450E38 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#450E38 }
```

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

```
.background{ background-color:#450E38 }
```

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