

Converting Colors

Hex(450B2B)

Have a look what the booklet for
Hex(450B2B) contains.

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Color

Hex(450B2B)

Conversions

Conversions Part 1

Format	Color
Hex	450B2B
RGB	69, 11, 43
RGB Percent	27%, 4%, 17%
CMY	0.7294, 0.9569, 0.8314
CMYK	0.00, 0.84, 0.38, 0.73
HSL	327°, 72%, 16%
HSV	327°, 84%, 27%
XYZ	3.0100, 1.6790, 2.4509
YIQ	31.9900, 24.2960, 22.2480

Conversions

Conversions Part 2

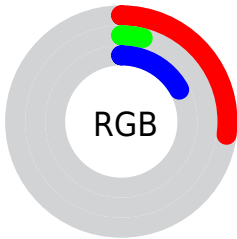
Format	Color
R_{YB}	69, 11, 43
Decimal	4524843
CIE _{Lab}	13.70, 30.16, -5.26
CIE _{LCh}	14, 30.613, 350.111
Yxy	1.6790, 0.4216, 0.2352
Android (android.graphics.Color)	4282714923 (0xFF450B2B)
YUV	31.9900, 5.4279, 32.4578
Hunter-Lab	12.9575, 18.7889, -2.1445

Details

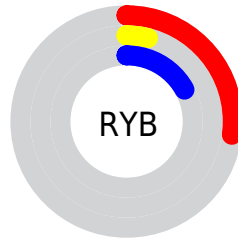
The Hex color **450B2B** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **0B4525**, and the grayscale version is **202020**.

A 20% lighter version of the original color is **783B58**, and **080000** is the 20% darker color. If you saturate the color by 10%, you get **450428**, and if you desaturate by 10%, it is **45122E**.

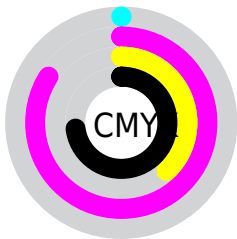
Distribution



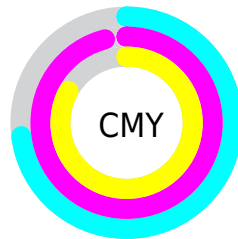
- Red (27%)
- Green (4%)
- Blue (17%)



- Red (27%)
- Yellow (4%)
- Blue (17%)



- Cyan (0%)
- Magenta (84%)
- Yellow (38%)
- Black (73%)



- Cyan (73%)
- Magenta (96%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color 450B2B 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 450B2B by changing the saturation by 10% instead.

 450B2B

 450B2B

 FFF5FF

 2E0017

 783B58

 080000

 935471

 000000

 AE6D8A

 CA87A5

 E7A1C0

 FFBCDB

 FFD9F8

 450B2B

 450B2B

■ 450428

■ 45122E

■ 450026

■ 451931

■ 452034

■ 452737

■ 452E3A

■ 45343E

■ 453B41

■ 454244

■ 454947

Harmonies

Analogous

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



35163F



450B2B



480B16

Triad

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



450B2B



202600



002B44

Complementary

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



450B2B



0B4525

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.



002C31



450B2B



032A00

Square

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



450B2B



331F00



002C1B



00284D

Rectangle

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



450B2B



441203



002C1B



002C3E

Sweetspot

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



450B2B



59434F



240B45



2E2028



ADADAD



2E2E2E

Same Dimension

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



450B2B



590031



450B0F



242022



630037



E3007D

Inverse Universe

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



450B2B



590031



0B4541



242022



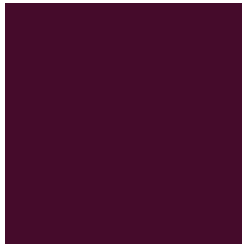
630037



E3007D

Previews

White Background



This preview shows how the Hex color 450B2B looks on a white background.

Color Contrast Check

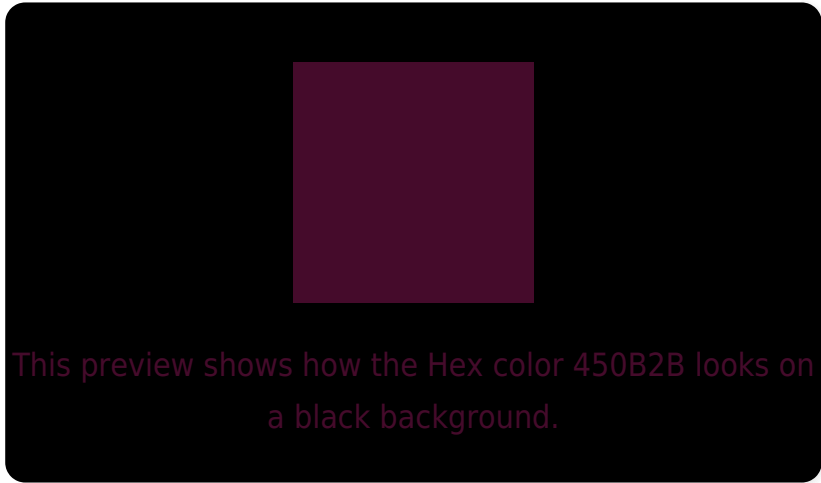
Large Text (above 18pt) WCAG AA ✓ Pass

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

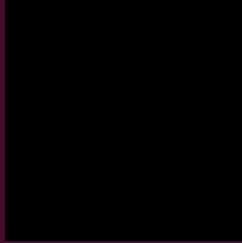
Any Text WCAG AA × Fail

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 450B2B Background



This preview shows how black text looks on a background with the Hex color 450B2B.



This preview shows how white text looks on a background with the Hex color 450B2B.

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
450B2B

Protanopia
1D253B

Deuteranopia
282428



Tritanopia
441314

Trichromacy



Original Color
450B2B

Protanomaly
2C1C35

Deuteranomaly
331B29

Tritanomaly
44101C

Monochromacy



Original Color
450B2B

Achromatopsia
202020

Achromatomaly
2D1824

CSS Examples

Text

The CSS property to change the color of the text to Hex 450B2B 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 #450B2B looks like.

```
.text, #text, p{  
    color:#450B2B  
}
```

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 #450B2B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #450B2B
}
```

Border

The CSS property to change the border of an element to Hex 450B2B is called "border". The border property can be set on classes, ids or directly on the HTML element.

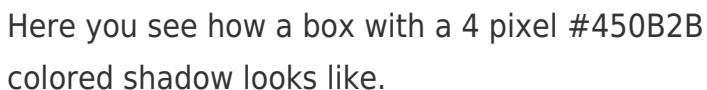
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#450B2B }
```

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

```
.border{ border-color:#450B2B }
```

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



Here you see how a box with a 4 pixel #450B2B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #450B2B; -webkit-box-shadow:4px 4px  
4px 4px #450B2B; box-shadow:4px 4px 4px  
4px #450B2B }
```

Background

The CSS property to change the background color of an element to Hex 450B2B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#450B2B }
```

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

```
.background{ background-color:#450B2B }
```

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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