

Converting Colors

Hex(450002)

Have a look what the booklet for
Hex(450002) contains.

Hex(450002)	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(450002)

Conversions

Conversions Part 1

Format	Color
Hex	450002
RGB	69, 0, 2
RGB Percent	27%, 0%, 1%
CMY	0.7294, 1.0000, 0.9922
CMYK	0.00, 1.00, 0.97, 0.73
HSL	358°, 100%, 14%
HSV	358°, 100%, 27%
XYZ	2.4652, 1.2696, 0.1726
YIQ	20.8590, 40.4820, 15.2500

Conversions

Conversions Part 2

Format	Color
RYB	69, 0, 2
Decimal	4521986
CIELab	11.06, 31.36, 16.60
CIELCh	11, 35.485, 27.897
Yxy	1.2696, 0.6309, 0.3249
Android (android.graphics.Color)	4282712066 (0xFF450002)
YUV	20.8590, -9.2975, 42.2197
Hunter-Lab	11.2676, 19.3350, 6.9793

Details

The Hex color **450002** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **004543**, and the grayscale version is **151515**.

A 20% lighter version of the original color is **7A3231**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **450002**, and if you desaturate by 10%, it is **450709**.

Distribution



Red (27%)

Green (0%)

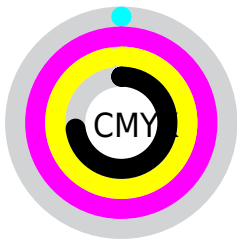
Blue (1%)



Red (27%)

Yellow (0%)

Blue (1%)



Cyan (0%)

Magenta (100%)

Yellow (97%)

Black (73%)



Cyan (73%)

Magenta (100%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the Hex color 450002 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 450002 by changing the saturation by 10% instead.

 450002

 450002

 FFEBE3

 2D0001

 7A3231

 000000

 964A47

 B2635F

 CF7D78

 ED9791

 FFB3AC

 FFCEC7

 450002

■ 450709

■ 450E0F

■ 451516

■ 451C1D

■ 452324

■ 45292A

■ 453031

■ 453738

■ 453E3E

Harmonies

Analogous

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



450020



450002



3A1100

Triad

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



450002



002600



00224F

Complementary

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



450002



004543

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.



002647



450002



00281B

Square

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



450002



102300



002834



131849

Rectangle

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



450002



2E1900



002834



00244E

Sweetspot

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



450002



593E3F



430045



2E1D1E



ADADAD



2E2E2E

Same Dimension

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



450002



590003



452000



242020



630003



E30007

Inverse Universe

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



450002



590003



002545



242020



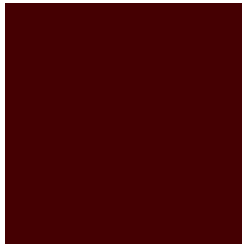
630003



E30007

Previews

White Background



This preview shows how the Hex color 450002 looks on a white background.

Color Contrast Check

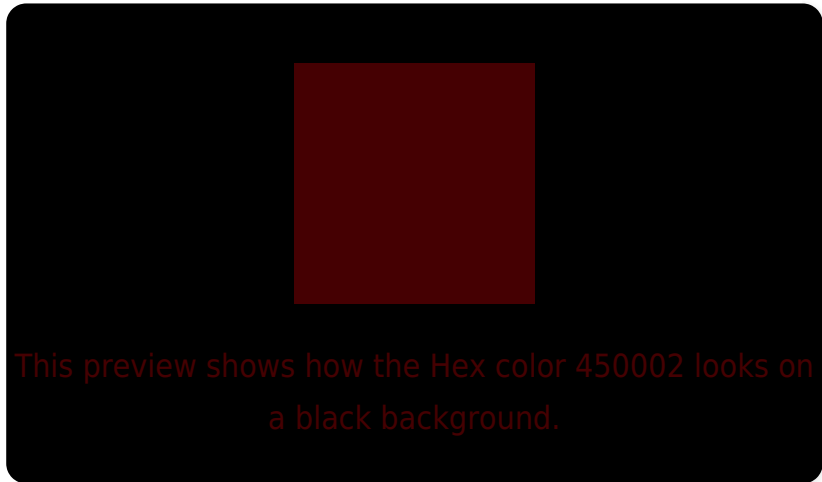
Large Text (above 18pt) WCAG AA ✓ Pass

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

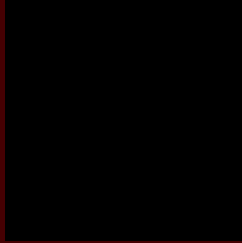
Any Text WCAG AA × Fail

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 450002 Background



This preview shows how black text looks on a background with the Hex color 450002.

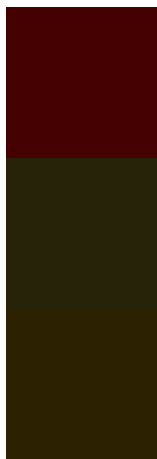


This preview shows how white text looks on a background with the Hex color 450002.

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
450002

Protanopia
272309

Deuteranopia
2C2100



Tritanopia
440600

Trichromacy



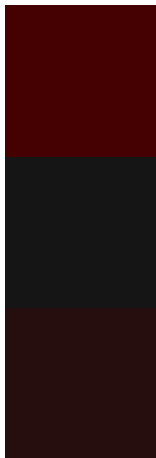
Original Color
450002

Protanomaly
321606

Deuteranomaly
351501

Tritanomaly
440401

Monochromacy



Original Color
450002

Achromatopsia
151515

Achromatomaly
260D0E

CSS Examples

Text

The CSS property to change the color of the text to Hex 450002 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 #450002 looks like.

```
.text, #text, p{  
    color:#450002  
}
```

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 #450002 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #450002
}
```

Border

The CSS property to change the border of an element to Hex 450002 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
#450002 }
```

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

```
.border{ border-color:#450002 }
```

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

Here you see how a box with a 4 pixel #450002 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #450002; -webkit-box-shadow:4px 4px  
4px 4px #450002; box-shadow:4px 4px 4px  
4px #450002 }
```

Background

The CSS property to change the background color of an element to Hex 450002 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#450002 }
```

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

```
.background{ background-color:#450002 }
```

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