

Converting Colors

Hex(450000)

Have a look what the booklet for
Hex(450000) contains.

Hex(450000)	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(450000)

Conversions

Conversions Part 1

Format	Color
Hex	450000
RGB	69, 0, 0
RGB Percent	27%, 0%, 0%
CMY	0.7294, 1.0000, 1.0000
CMYK	0.00, 1.00, 1.00, 0.73
HSL	0°, 100%, 14%
HSV	0°, 100%, 27%
XYZ	2.4542, 1.2652, 0.1149
YIQ	20.6310, 41.1240, 14.6280

Conversions

Conversions Part 2

Format	Color
RYB	69, 0, 0
Decimal	4521984
CIELab	11.03, 31.28, 17.37
CIELCh	11, 35.778, 29.053
Yxy	1.2652, 0.6401, 0.3300
Android (android.graphics.Color)	4282712064 (0xFF450000)
YUV	20.6310, -10.1711, 42.4196
Hunter-Lab	11.2482, 19.2628, 7.2683

Details

The Hex color **450000** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **004545**, and the grayscale version is **151515**.

A 20% lighter version of the original color is **7A3230**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **450000**, and if you desaturate by 10%, it is **450707**.

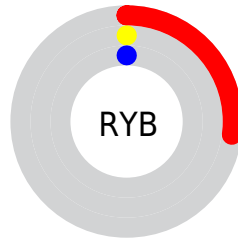
Distribution



Red (27%)

Green (0%)

Blue (0%)



Red (27%)

Yellow (0%)

Blue (0%)

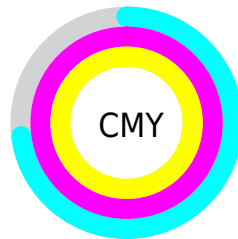


Cyan (0%)

Magenta (100%)

Yellow (100%)

Black (73%)



Cyan (73%)

Magenta (100%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 450000 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 450000 by changing the saturation by 10% instead.

 450000

 450000

 FFEBE2

 2D0001

 7A3230

 000000

 964A46

 B3635E

 CF7D76

 ED9790

 FFB2AA

 FFCEC6

 450000

■ 450707

■ 450E0E

■ 451515

■ 451C1C

■ 452323

■ 452929

■ 453030

■ 453737

■ 453E3E

Harmonies

Analogous

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



46001F



450000



391100

Triad

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



450000



002600



00214F

Complementary

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



450000



004545

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.



002648



450000



00281C

Square

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



450000



0E2300



002835



151749

Rectangle

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



450000



2D1900



002835



00234E

Sweetspot

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



450000



593E3E



450045



2E1D1D



ADADAD



2E2E2E

Same Dimension

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



450000



590000



452300



242020



630000



E30000

Inverse Universe

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



004545



005959



002345



202424



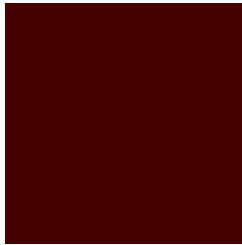
006363



00E3E3

Previews

White Background



This preview shows how the Hex color 450000 looks on a white background.

Color Contrast Check

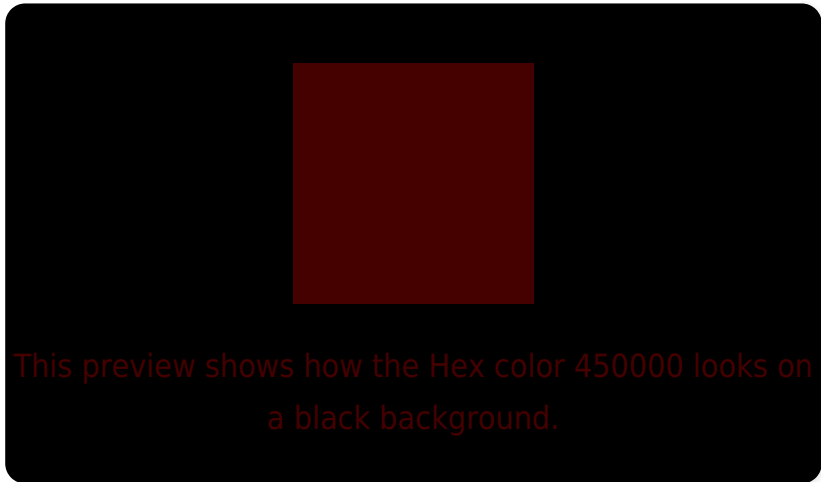
Large Text (above 18pt) WCAG AA ✓ Pass

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

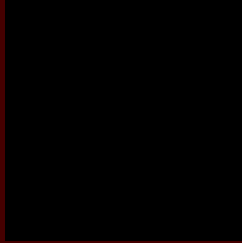
Any Text WCAG AA × Fail

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 450000 Background



This preview shows how black text looks on a background with the Hex color 450000.

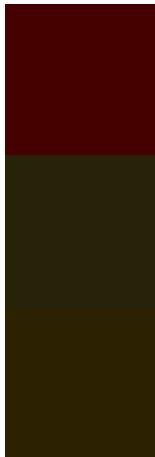


This preview shows how white text looks on a background with the Hex color 450000.

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
450000

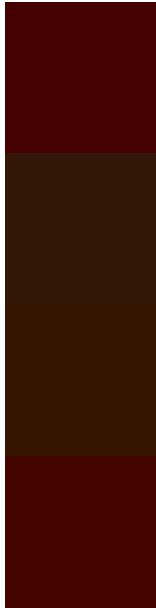
Protanopia
272309

Deuteranopia
2C2100



Tritanopia
440600

Trichromacy



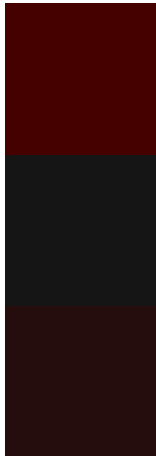
Original Color
450000

Protanomaly
321606

Deuteranomaly
351500

Tritanomaly
440400

Monochromacy



Original Color
450000

Achromatopsia
151515

Achromatomaly
260D0D

CSS Examples

Text

The CSS property to change the color of the text to Hex 450000 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 #450000 looks like.

```
.text, #text, p{  
    color:#450000  
}
```

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 #450000 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #450000
}
```

Border

The CSS property to change the border of an element to Hex 450000 is called "border". The border property can be set on classes, ids or directly on the HTML element.

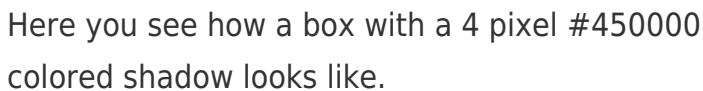
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#450000 }
```

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

```
.border{ border-color:#450000 }
```

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



Here you see how a box with a 4 pixel #450000 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #450000; -webkit-box-shadow:4px 4px  
4px 4px #450000; box-shadow:4px 4px 4px  
4px #450000 }
```

Background

The CSS property to change the background color of an element to Hex 450000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#450000 }
```

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

```
.background{ background-color:#450000 }
```

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