

# Converting Colors

Hex(450001)

Have a look what the booklet for  
Hex(450001) contains.

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**Color**

**Hex(450001)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	450001
RGB	69, 0, 1
RGB Percent	27%, 0%, 0%
CMY	0.7294, 1.0000, 0.9961
CMYK	0.00, 1.00, 0.99, 0.73
HSL	359°, 100%, 14%
HSV	359°, 100%, 27%
XYZ	2.4597, 1.2674, 0.1437
YIQ	20.7450, 40.8030, 14.9390

# Conversions

## Conversions Part 2

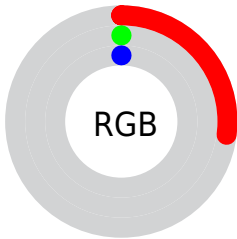
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	69, 0, 1
Decimal	4521985
CIE Lab	11.05, 31.32, 16.99
CIE LCh	11, 35.630, 28.477
Yxy	1.2674, 0.6355, 0.3274
Android (android.graphics.Color)	4282712065 (0xFF450001)
YUV	20.7450, -9.7343, 42.3196
Hunter-Lab	11.2579, 19.2989, 7.1237

# Details

The Hex color **450001** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **004544**, 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 **450001**, and if you desaturate by 10%, it is **450708**.

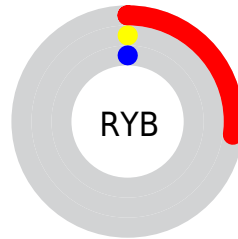
# Distribution



Red (27%)

Green (0%)

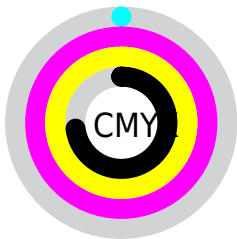
Blue (0%)



Red (27%)

Yellow (0%)

Blue (0%)

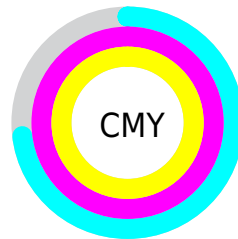


Cyan (0%)

Magenta (100%)

Yellow (99%)

Black (73%)



Cyan (73%)

Magenta (100%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 450001 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 450001 by changing the saturation by 10% instead.



 450001

 450001

 FFEBE2

 2D0001

 7A3230

 000000

 964A47

 B2635E

 CF7D77

 ED9791

 FFB2AB

 FFCEC6

 450001

■ 450708

■ 450E0F

■ 451515

■ 451C1C

■ 452323

■ 45292A

■ 453031

■ 453737

■ 453E3E

# Harmonies

## Analogous

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



450020



450001



391100

# Triad

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



450001



002600



00214F

# Complementary

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



450001



004544

# 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



450001



00281C

# Square

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



450001



0F2300



002834



141849

# Rectangle

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



450001



2E1900



002834



00234E



# Sweetspot

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



450001



593E3F



440045



2E1D1E



ADADAD



2E2E2E



# Same Dimension

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



450001



590001



452100



242020



630001



E30003



# Inverse Universe

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



450001



590001



002445



242020



630001

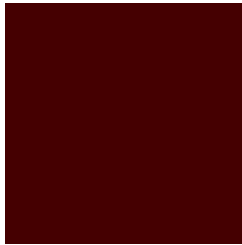


E30003



# Previews

## White Background



This preview shows how the Hex color 450001 looks on a white background.

## Color Contrast Check

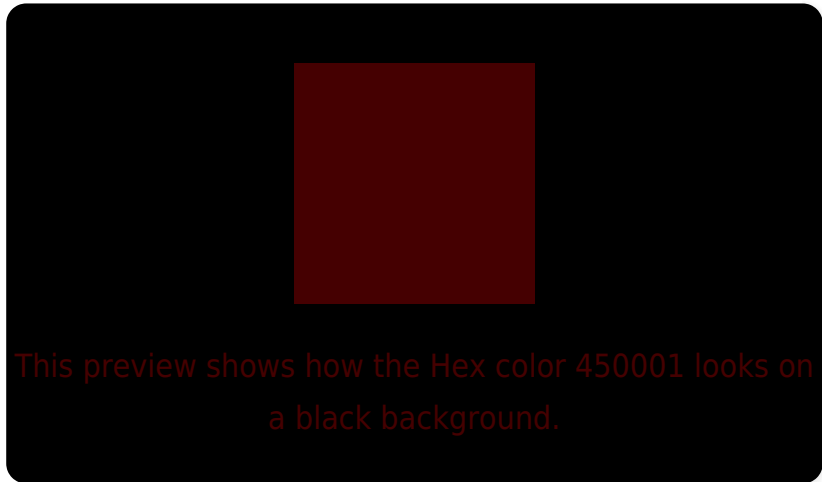
Large Text (above 18pt) WCAG AA ✓ Pass

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

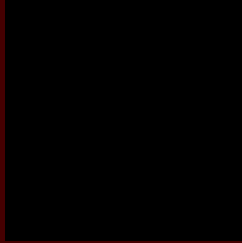
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 450001 Background



This preview shows how black text looks on a background with the Hex color 450001.

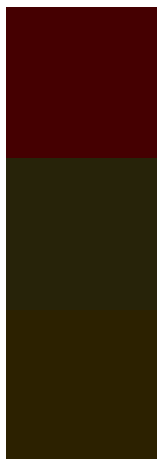


This preview shows how white text looks on a background with the Hex color 450001.

# 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**  
450001

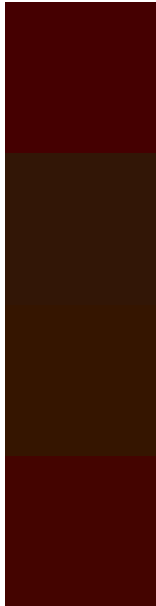
**Protanopia**  
272309

**Deuteranopia**  
2C2100



**Tritanopia**  
440600

# Trichromacy



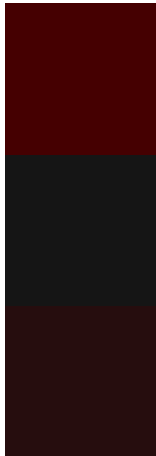
**Original Color**  
450001

**Protanomaly**  
321606

**Deuteranomaly**  
351500

**Tritanomaly**  
440400

# Monochromacy



**Original Color**  
450001

**Achromatopsia**  
151515

**Achromatomaly**  
260D0E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 450001 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 #450001 looks like.

```
.text, #text, p{  
    color:#450001  
}
```

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 #450001 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #450001
}
```

## Border

The CSS property to change the border of an element to Hex 450001 is called "border". The border property can be set on classes, ids or directly on the HTML element.

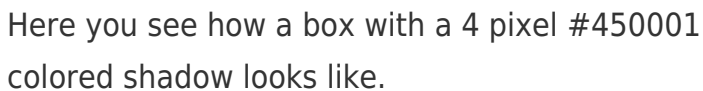
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#450001 }
```

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

```
.border{ border-color:#450001 }
```

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



Here you see how a box with a 4 pixel #450001 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #450001; -webkit-box-shadow:4px 4px  
4px 4px #450001; box-shadow:4px 4px 4px  
4px #450001 }
```

# Background

The CSS property to change the background color of an element to Hex 450001 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#450001 }
```

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

```
.background{ background-color:#450001 }
```

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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