

Converting Colors

Hex(450033)

Have a look what the booklet for
Hex(450033) contains.

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Color

Hex(450033)

Conversions

Conversions Part 1

Format	Color
Hex	450033
RGB	69, 0, 51
RGB Percent	27%, 0%, 20%
CMY	0.7294, 1.0000, 0.8000
CMYK	0.00, 1.00, 0.26, 0.73
HSL	316°, 100%, 14%
HSV	316°, 100%, 27%
XYZ	3.0518, 1.5042, 3.2615
YIQ	26.4450, 24.7530, 30.4890

Conversions

Conversions Part 2

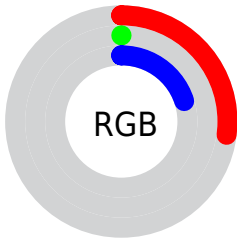
Format	Color
RYB	69, 0, 51
Decimal	4522035
CIELab	12.63, 35.49, -12.74
CIElCh	13, 37.710, 340.251
Yxy	1.5042, 0.3904, 0.1924
Android (android.graphics.Color)	4282712115 (0xFF450033)
YUV	26.4450, 12.1056, 37.3207
Hunter-Lab	12.2647, 22.9524, -7.1813

Details

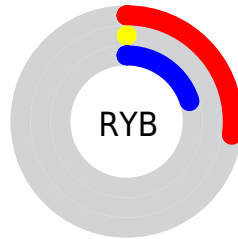
The Hex color **450033** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **004512**, and the grayscale version is **1A1A1A**.

A 20% lighter version of the original color is **783462**, and **0A0000** is the 20% darker color. If you saturate the color by 10%, you get **450033**, and if you desaturate by 10%, it is **450735**.

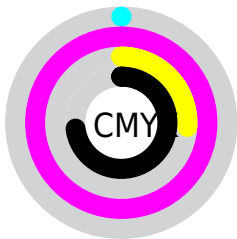
Distribution



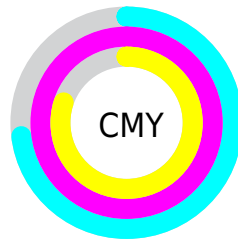
- Red (27%)
- Green (0%)
- Blue (20%)



- Red (27%)
- Yellow (0%)
- Blue (20%)



- Cyan (0%)
- Magenta (100%)
- Yellow (26%)
- Black (73%)



- Cyan (73%)
- Magenta (100%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 450033 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 450033 by changing the saturation by 10% instead.

 450033

 450033

 FFEFFF

 2E001E

 783462

 0A0000

 934D7A

 000000

 AE6694

 CA80AF

 E79BCA

 FFB6E6

 FFD2FF

 450033

■ 450735

■ 450E37

■ 451538

■ 451C3A

■ 45233C

■ 45293E

■ 453040

■ 453741

■ 453E43

Harmonies

Analogous

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



2B1449



450033



4D0019

Triad

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



450033



222300



002B42

Complementary

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



450033



004512

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.



002C29



450033



022800

Square

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



450033



381900



002B0D



002852

Rectangle

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



450033



4B0102



002B0D



002C3B

Sweetspot

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



450033



593E52



110045



2E1D2A



ADADAD



2E2E2E

Same Dimension

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



450033



590042



450011



242023



63004A



E300A8

Inverse Universe

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



450033



590042



004534



242023



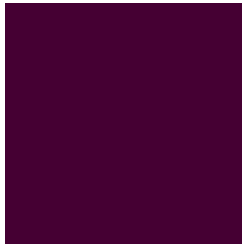
63004A



E300A8

Previews

White Background



This preview shows how the Hex color 450033 looks on a white background.

Color Contrast Check

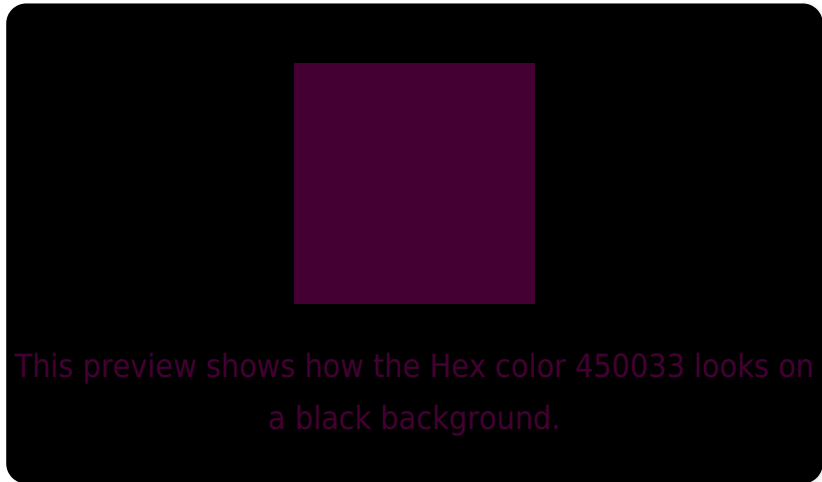
Large Text (above 18pt) WCAG AA ✓ Pass

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

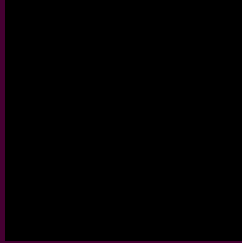
Any Text WCAG AA × Fail

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 450033 Background



This preview shows how black text looks on a background with the Hex color 450033.

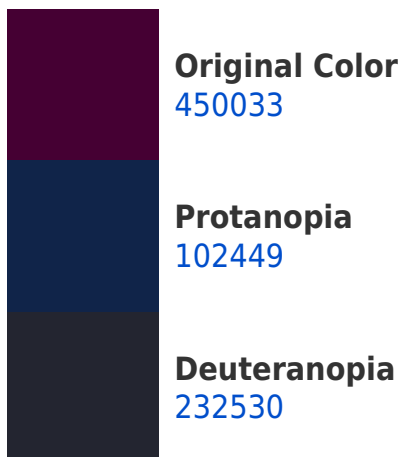



This preview shows how white text looks on a background with the Hex color 450033.

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





Tritanopia
431415

Trichromacy



Original Color
450033

Protanomaly
231741

Deuteranomaly
2F1831

Tritanomaly
440D20

Monochromacy



Original Color
450033

Achromatopsia
1A1A1A

Achromatomaly
2A1123

CSS Examples

Text

The CSS property to change the color of the text to Hex 450033 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 #450033 looks like.

```
.text, #text, p{  
    color:#450033  
}
```

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 #450033 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #450033
}
```

Border

The CSS property to change the border of an element to Hex 450033 is called "border". The border property can be set on classes, ids or directly on the HTML element.

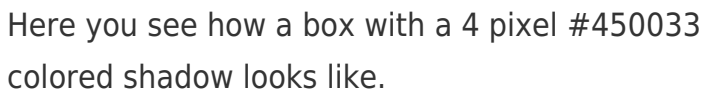
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#450033 }
```

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

```
.border{ border-color:#450033 }
```

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



Here you see how a box with a 4 pixel #450033 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #450033; -webkit-box-shadow:4px 4px  
4px 4px #450033; box-shadow:4px 4px 4px  
4px #450033 }
```

Background

The CSS property to change the background color of an element to Hex 450033 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#450033 }
```

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

```
.background{ background-color:#450033 }
```

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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