

Converting Colors

Hex(450030)

Have a look what the booklet for
Hex(450030) contains.

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Color

Hex(450030)

Conversions

Conversions Part 1

Format	Color
Hex	450030
RGB	69, 0, 48
RGB Percent	27%, 0%, 19%
CMY	0.7294, 1.0000, 0.8118
CMYK	0.00, 1.00, 0.30, 0.73
HSL	318°, 100%, 14%
HSV	318°, 100%, 27%
XYZ	2.9877, 1.4786, 2.9242
YIQ	26.1030, 25.7160, 29.5560

Conversions

Conversions Part 2

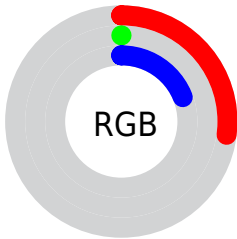
Format	Color
RYB	69, 0, 48
Decimal	4522032
CIELab	12.47, 35.08, -10.80
CIELCh	12, 36.704, 342.880
Yxy	1.4786, 0.4043, 0.2001
Android (android.graphics.Color)	4282712112 (0xFF450030)
YUV	26.1030, 10.7952, 37.6207
Hunter-Lab	12.1598, 22.5790, -5.7464

Details

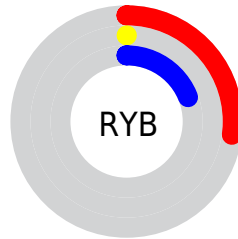
The Hex color **450030** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **004515**, and the grayscale version is **1A1A1A**.

A 20% lighter version of the original color is **78345E**, and **070000** is the 20% darker color. If you saturate the color by 10%, you get **450030**, and if you desaturate by 10%, it is **450732**.

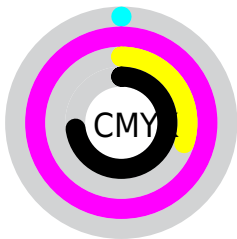
Distribution



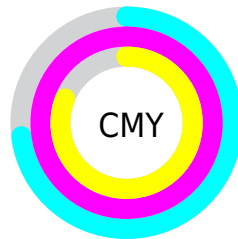
- Red (27%)
- Green (0%)
- Blue (19%)



- Red (27%)
- Yellow (0%)
- Blue (19%)



- Cyan (0%)
- Magenta (100%)
- Yellow (30%)
- Black (73%)



- Cyan (73%)
- Magenta (100%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 450030 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 450030 by changing the saturation by 10% instead.

 450030

 450030

 FFEEFF

 2E001B

 78345E

 070000

 934D77

 000000

 AE6691

 CB80AB

 E79AC6

 FFB6E2

 FFD2FF

 450030

■ 450732

■ 450E34

■ 451536

■ 451C38

■ 45233B

■ 45293D

■ 45303F

■ 453741

■ 453E43

Harmonies

Analogous

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



2E1346



450030



4B0017

Triad

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



450030



202300



002B43

Complementary

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



450030



004515

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.



002B2B



450030



002800

Square

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



450030



351A00



002A10



002852

Rectangle

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



450030



490400



002A10



002B3C

Sweetspot

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



450030



593E51



150045



2E1D29



ADADAD



2E2E2E

Same Dimension

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



450030



59003E



45000E



242023



630045



E3009E

Inverse Universe

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



450030



59003E



004537



242023



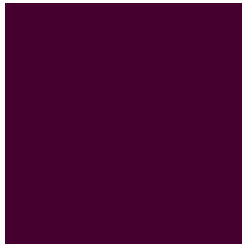
630045



E3009E

Previews

White Background



This preview shows how the Hex color 450030 looks on a white background.

Color Contrast Check

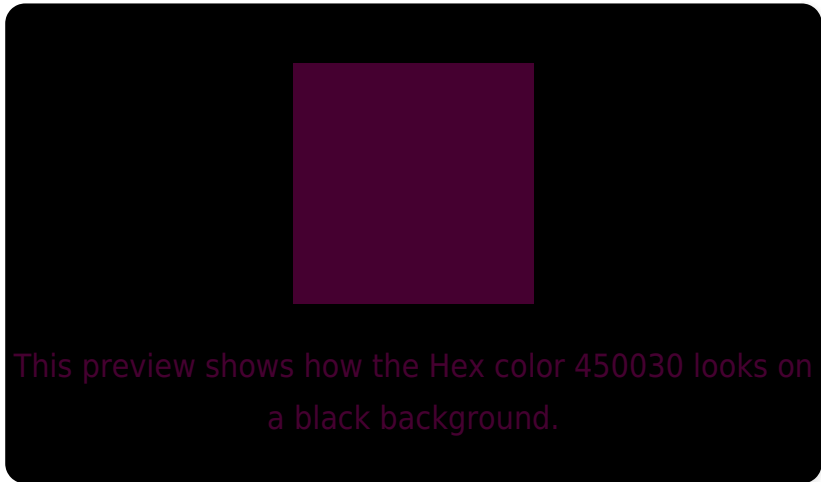
Large Text (above 18pt) WCAG AA ✓ Pass

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

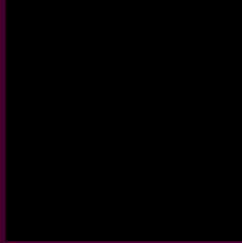
Any Text WCAG AA × Fail

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 450030 Background



This preview shows how black text looks on a background with the Hex color 450030.



This preview shows how white text looks on a background with the Hex color 450030.

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
450030

Protanopia
142444

Deuteranopia
25242D



Tritanopia
431314

Trichromacy



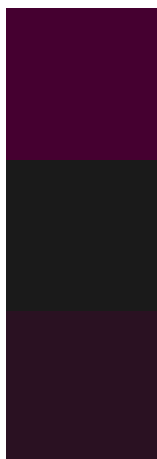
Original Color
450030

Protanomaly
26173D

Deuteranomaly
31172E

Tritanomaly
440C1E

Monochromacy



Original Color
450030

Achromatopsia
1A1A1A

Achromatomaly
2A1122

CSS Examples

Text

The CSS property to change the color of the text to Hex 450030 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 #450030 looks like.

```
.text, #text, p{  
    color:#450030  
}
```

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 #450030 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #450030
}
```

Border

The CSS property to change the border of an element to Hex 450030 is called "border". The border property can be set on classes, ids or directly on the HTML element.

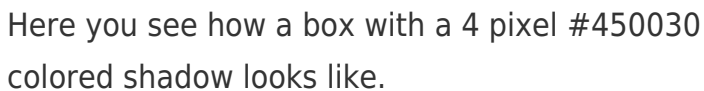
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#450030 }
```

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

```
.border{ border-color:#450030 }
```

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



Here you see how a box with a 4 pixel #450030 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #450030; -webkit-box-shadow:4px 4px  
4px 4px #450030; box-shadow:4px 4px 4px  
4px #450030 }
```

Background

The CSS property to change the background color of an element to Hex 450030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#450030 }
```

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

```
.background{ background-color:#450030 }
```

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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