

Converting Colors

Hex(460033)

Have a look what the booklet for
Hex(460033) contains.

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Color

Hex(460033)

Conversions

Conversions Part 1

Format	Color
Hex	460033
RGB	70, 0, 51
RGB Percent	27%, 0%, 20%
CMY	0.7255, 1.0000, 0.8000
CMYK	0.00, 1.00, 0.27, 0.73
HSL	316°, 100%, 14%
HSV	316°, 100%, 27%
XYZ	3.1233, 1.5411, 3.2648
YIQ	26.7440, 25.3490, 30.7010

Conversions

Conversions Part 2

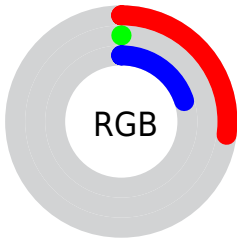
Format	Color
R_{YB}	70, 0, 51
Decimal	4587571
CIE _{Lab}	12.87, 35.72, -12.36
CIE _{LCh}	13, 37.803, 340.911
Yxy	1.5411, 0.3939, 0.1944
Android (android.graphics.Color)	4282777651 (0xFF460033)
YUV	26.7440, 11.9582, 37.9355
Hunter-Lab	12.4141, 23.1849, -6.9029

Details

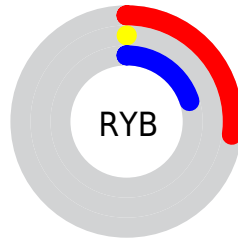
The Hex color **460033** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **004613**, and the grayscale version is **1B1B1B**.

A 20% lighter version of the original color is **793561**, and **0D0000** is the 20% darker color. If you saturate the color by 10%, you get **460033**, and if you desaturate by 10%, it is **460735**.

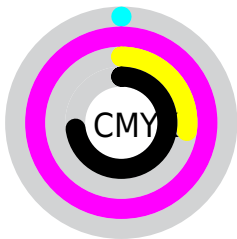
Distribution



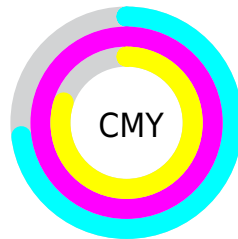
- Red (27%)
- Green (0%)
- Blue (20%)



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



- Cyan (0%)
- Magenta (100%)
- Yellow (27%)
- Black (73%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 460033 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 460033 by changing the saturation by 10% instead.

 460033

 460033

 FFEFFF

 2F001E

 793561

 0D0000

 944D7A

 000000

 B06794

 CC80AF

 E89BCA

 FFB6E6

 FFD2FF

 460033

■ 460735

■ 460E37

■ 461539

■ 461C3B

■ 46233D

■ 462A3E

■ 463140

■ 463842

■ 463F44

Harmonies

Analogous

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



2C1449



460033



4D0019

Triad

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



460033



222300



002C43

Complementary

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



460033



004613

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.



002C2A



460033



022800

Square

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



460033



381A00



002B0E



002953

Rectangle

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



460033



4B0202



002B0E



002C3C

Sweetspot

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



460033



5C4054



130046



2E1D29



ADADAD



2E2E2E

Same Dimension

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



460033



5C0043



460010



242023



630048



E300A5

Inverse Universe

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



460033



5C0043



004636



242023



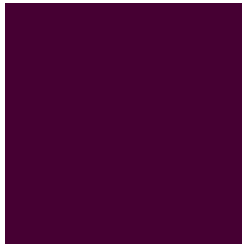
630048



E300A5

Previews

White Background



This preview shows how the Hex color 460033 looks on a white background.

Color Contrast Check

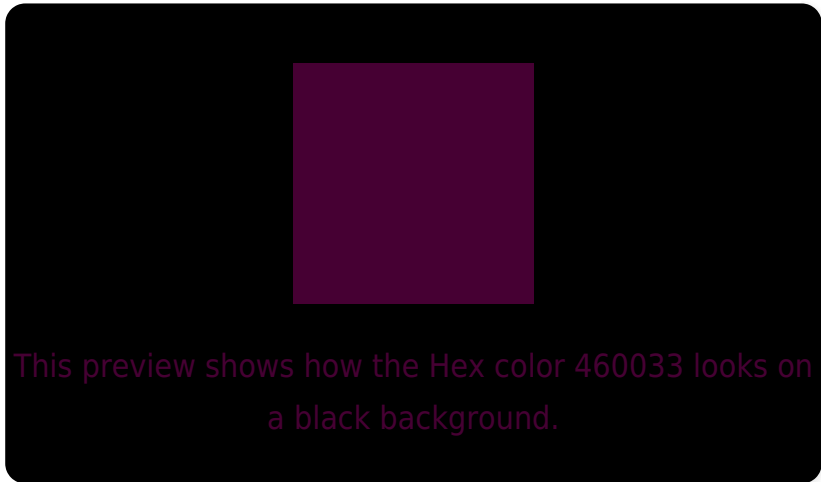
Large Text (above 18pt) WCAG AA ✓ Pass

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

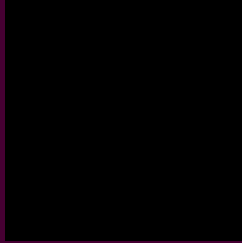
Any Text WCAG AA × Fail

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 460033 Background



This preview shows how black text looks on a background with the Hex color 460033.



This preview shows how white text looks on a background with the Hex color 460033.

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
460033

Protanopia
112549

Deuteranopia
242530



Tritanopia
441415

Trichromacy



Original Color
460033

Protanomaly
241841

Deuteranomaly
301831

Tritanomaly
450D20

Monochromacy



Original Color
460033

Achromatopsia
1B1B1B

Achromatomaly
2B1124

CSS Examples

Text

The CSS property to change the color of the text to Hex 460033 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 #460033 looks like.

```
.text, #text, p{  
    color:#460033  
}
```

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 #460033 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #460033
}
```

Border

The CSS property to change the border of an element to Hex 460033 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".

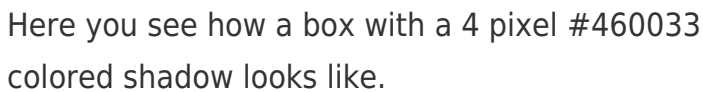
```
.border, #border, table{ border:4px solid
#460033 }
```

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

```
.border{ border-color:#460033 }
```

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

Here you see how a box with a 4 pixel #460033 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #460033; -webkit-box-shadow:4px 4px  
4px 4px #460033; box-shadow:4px 4px 4px  
4px #460033 }
```

Background

The CSS property to change the background color of an element to Hex 460033 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#460033 }
```

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

```
.background{ background-color:#460033 }
```

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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