

Converting Colors

Hex(470033)

Have a look what the booklet for
Hex(470033) contains.

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Color

Hex(470033)

Conversions

Conversions Part 1

Format	Color
Hex	470033
RGB	71, 0, 51
RGB Percent	28%, 0%, 20%
CMY	0.7216, 1.0000, 0.8000
CMYK	0.00, 1.00, 0.28, 0.72
HSL	317°, 100%, 14%
HSV	317°, 100%, 28%
XYZ	3.1961, 1.5786, 3.2682
YIQ	27.0430, 25.9450, 30.9130

Conversions

Conversions Part 2

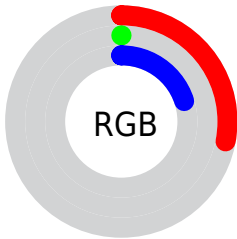
Format	Color
R_{YB}	71, 0, 51
Decimal	4653107
CIE _{Lab}	13.10, 35.96, -11.98
CIE _{LCh}	13, 37.901, 341.567
Yxy	1.5786, 0.3974, 0.1963
Android (android.graphics.Color)	4282843187 (0xFF470033)
YUV	27.0430, 11.8108, 38.5503
Hunter-Lab	12.5643, 23.4190, -6.6275

Details

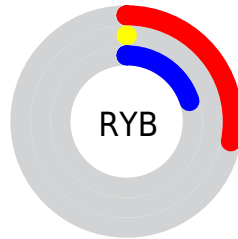
The Hex color **470033** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **004714**, and the grayscale version is **1B1B1B**.

A 20% lighter version of the original color is **7A3561**, and **0F0000** is the 20% darker color. If you saturate the color by 10%, you get **470033**, and if you desaturate by 10%, it is **470735**.

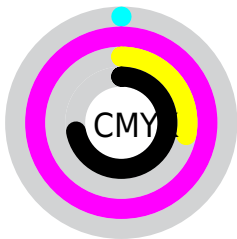
Distribution



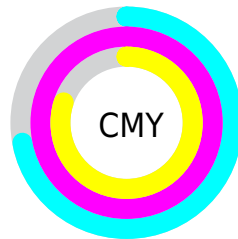
- Red (28%)
- Green (0%)
- Blue (20%)



- Red (28%)
- Yellow (0%)
- Blue (20%)



- Cyan (0%)
- Magenta (100%)
- Yellow (28%)
- Black (72%)



- Cyan (72%)
- Magenta (100%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 470033 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 470033 by changing the saturation by 10% instead.

 470033

 470033

 FFEFFF

 30001E

 7A3561

 0F0000

 954E7A

 000000

 B16794

 CD81AF

 EA9BCA

 FFB7E6

 FFD3FF

 470033

■ 470735

■ 470E37

■ 471539

■ 471C3B

■ 47243D

■ 472B3F

■ 473241

■ 473943

■ 474045

Harmonies

Analogous

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



2E144A



470033



4E0019

Triad

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



470033



222400



002C44

Complementary

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



470033



004714

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.



002D2C



470033



022900

Square

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



470033



381A00



002C0F



002954

Rectangle

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



470033



4C0302



002C0F



002D3D

Sweetspot

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



470033



5C4054



130047



2E1D29



ADADAD



2E2E2E

Same Dimension

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



470033



5C0042



470011



242023



630047



E300A3

Inverse Universe

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



470033



5C0042



004736



242023



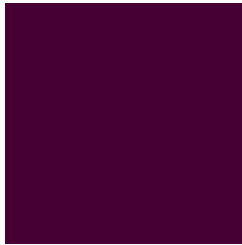
630047



E300A3

Previews

White Background



This preview shows how the Hex color 470033 looks on a white background.

Color Contrast Check

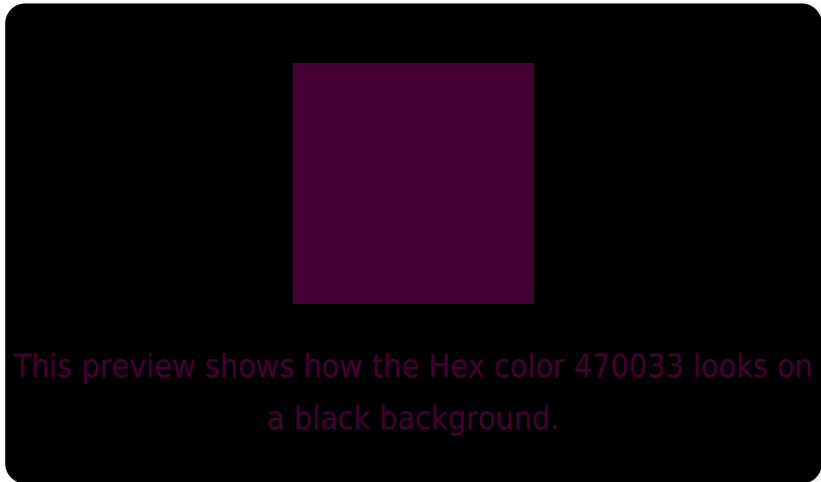
Large Text (above 18pt) WCAG AA ✓ Pass

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

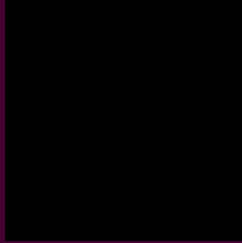
Any Text WCAG AA × Fail

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 470033 Background



This preview shows how black text looks on a background with the Hex color 470033.



This preview shows how white text looks on a background with the Hex color 470033.

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
470033

Protanopia
132549

Deuteranopia
252530



Tritanopia
451415

Trichromacy



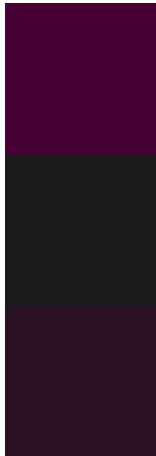
Original Color
470033

Protanomaly
261841

Deuteranomaly
311831

Tritanomaly
460D20

Monochromacy



Original Color
470033

Achromatopsia
1B1B1B

Achromatomaly
2B1124

CSS Examples

Text

The CSS property to change the color of the text to Hex 470033 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 #470033 looks like.

```
.text, #text, p{  
    color:#470033  
}
```

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 #470033 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #470033
}
```

Border

The CSS property to change the border of an element to Hex 470033 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".

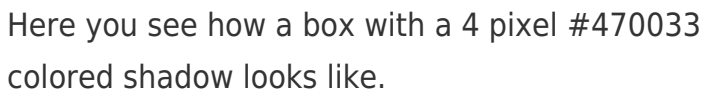
```
.border, #border, table{ border:4px solid
#470033 }
```

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

```
.border{ border-color:#470033 }
```

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

Here you see how a box with a 4 pixel #470033 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #470033; -webkit-box-shadow:4px 4px  
4px 4px #470033; box-shadow:4px 4px 4px  
4px #470033 }
```

Background

The CSS property to change the background color of an element to Hex 470033 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#470033 }
```

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

```
.background{ background-color:#470033 }
```

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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