

Converting Colors

Hex(480244)

Have a look what the booklet for
Hex(480244) contains.

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Color

Hex(480244)

Conversions

Conversions Part 1

Format	Color
Hex	480244
RGB	72, 2, 68
RGB Percent	28%, 1%, 27%
CMY	0.7176, 0.9922, 0.7333
CMYK	0.00, 0.97, 0.06, 0.72
HSL	303°, 95%, 15%
HSV	303°, 97%, 28%
XYZ	3.7376, 1.8385, 5.6267
YIQ	30.4540, 20.5340, 35.3660

Conversions

Conversions Part 2

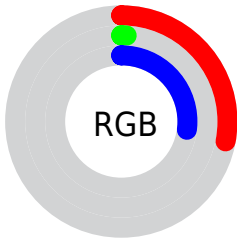
Format	Color
R_{YB}	72, 2, 68
Decimal	4719172
CIE _{Lab}	14.62, 38.06, -21.71
CIE _{LCh}	15, 43.819, 330.302
Yxy	1.8385, 0.3336, 0.1641
Android (android.graphics.Color)	4282909252 (0xFF480244)
YUV	30.4540, 18.5102, 36.4358
Hunter-Lab	13.5591, 25.4754, -15.1126

Details

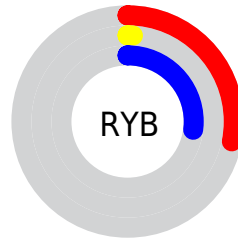
The Hex color **480244** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **024806**, and the grayscale version is **1E1E1E**.

A 20% lighter version of the original color is **7B3875**, and **150018** is the 20% darker color. If you saturate the color by 10%, you get **480044**, and if you desaturate by 10%, it is **480944**.

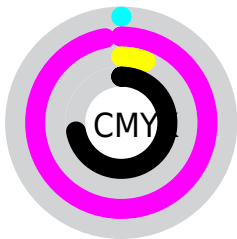
Distribution



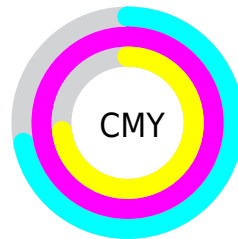
- Red (28%)
- Green (1%)
- Blue (27%)



- Red (28%)
- Yellow (1%)
- Blue (27%)



- Cyan (0%)
- Magenta (97%)
- Yellow (6%)
- Black (72%)



- Cyan (72%)
- Magenta (99%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 480244 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 480244 by changing the saturation by 10% instead.

 480244

 480244

 FFF3FF

 30002E

 7B3875

 150018

 96518E

 000000

 B16AA9

 CE84C4

 EA9FE0

 FFBAFD

 FFD6FF

 480244

 480244

■ 480044

■ 480944

■ 481045

■ 481845

■ 481F46

■ 482646

■ 482D46

■ 483447

■ 483C47

■ 484348

Harmonies

Analogous

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



1C1C5B



480244



570026

Triad

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



480244



2F2400



003144

Complementary

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



480244



024806

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.



003124



480244



0E2C00

Square

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



480244



461500



002F00



002F5B

Rectangle

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



480244



570012



002F00



00313A

Sweetspot

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



480244



5E435D



060248



301F2F



B0B0B0



303030

Same Dimension

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



480244



5E0059



480221



242023



63005E



E300D6

Inverse Universe

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



480244



5E0059



024828



242023



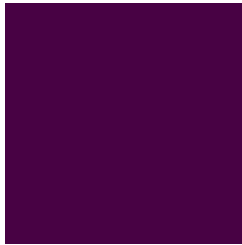
63005E



E300D6

Previews

White Background



This preview shows how the Hex color 480244 looks on a white background.

Color Contrast Check

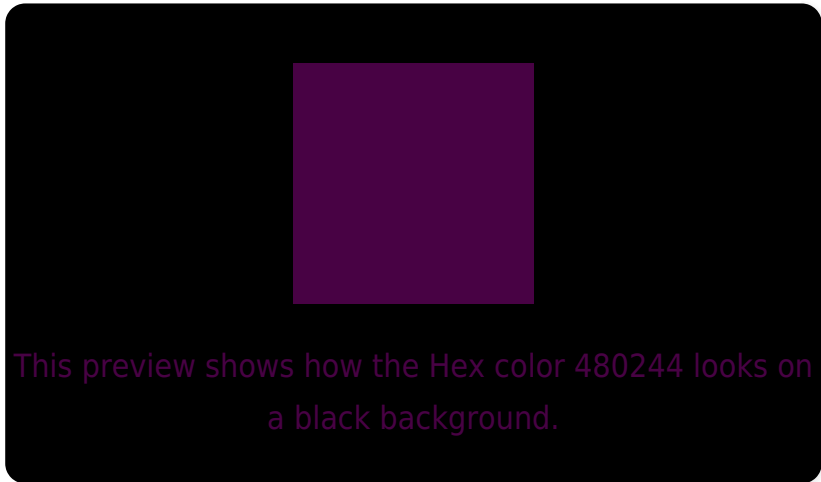
Large Text (above 18pt) WCAG AA ✓ Pass

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

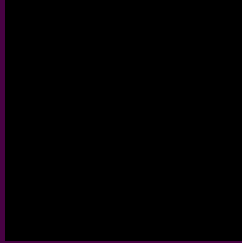
Any Text WCAG AA × Fail

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 480244 Background



This preview shows how black text looks on a background with the Hex color 480244.



This preview shows how white text looks on a background with the Hex color 480244.

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
480244

Protanopia
002753

Deuteranopia
1C2940



Tritanopia
441B1C

Trichromacy



Original Color
480244

Protanomaly
1A1A4E

Deuteranomaly
2C1B41

Tritanomaly
45122B

Monochromacy



Original Color
480244

Achromatopsia
1E1E1E

Achromatomaly
2D142C

CSS Examples

Text

The CSS property to change the color of the text to Hex 480244 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 #480244 looks like.

```
.text, #text, p{  
    color:#480244  
}
```

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 #480244 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #480244
}
```

Border

The CSS property to change the border of an element to Hex 480244 is called "border". The border property can be set on classes, ids or directly on the HTML element.

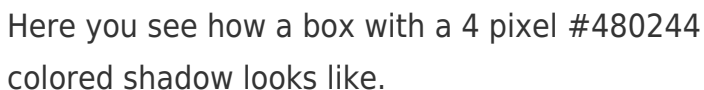
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#480244 }
```

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

```
.border{ border-color:#480244 }
```

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



Here you see how a box with a 4 pixel #480244 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #480244; -webkit-box-shadow:4px 4px  
4px 4px #480244; box-shadow:4px 4px 4px  
4px #480244 }
```

Background

The CSS property to change the background color of an element to Hex 480244 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#480244 }
```

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

```
.background{ background-color:#480244 }
```

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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