

Converting Colors

Hex(480046)

Have a look what the booklet for
Hex(480046) contains.

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Color

Hex(480046)

Conversions

Conversions Part 1

Format	Color
Hex	480046
RGB	72, 0, 70
RGB Percent	28%, 0%, 27%
CMY	0.7176, 1.0000, 0.7255
CMYK	0.00, 1.00, 0.03, 0.72
HSL	302°, 100%, 14%
HSV	302°, 100%, 28%
XYZ	3.7780, 1.8199, 5.9465
YIQ	29.5080, 20.4420, 37.0340

Conversions

Conversions Part 2

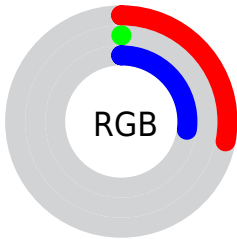
Format	Color
R_{YB}	72, 0, 70
Decimal	4718662
CIE _{Lab}	14.51, 39.12, -23.27
CIE _{LCh}	15, 45.519, 329.251
Yxy	1.8199, 0.3273, 0.1576
Android (android.graphics.Color)	4282908742 (0xFF480046)
YUV	29.5080, 19.9626, 37.2655
Hunter-Lab	13.4904, 26.3805, -16.6914

Details

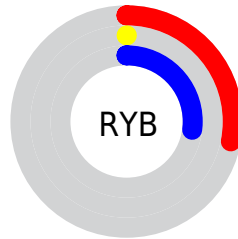
The Hex color **480046** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **004802**, and the grayscale version is **1D1D1D**.

A 20% lighter version of the original color is **7B3777**, and **15001A** is the 20% darker color. If you saturate the color by 10%, you get **480046**, and if you desaturate by 10%, it is **480746**.

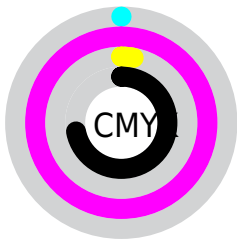
Distribution



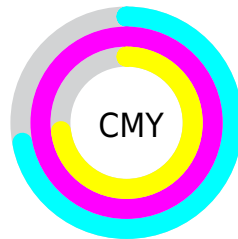
- Red (28%)
- Green (0%)
- Blue (27%)



- Red (28%)
- Yellow (0%)
- Blue (27%)



- Cyan (0%)
- Magenta (100%)
- Yellow (3%)
- Black (72%)



- Cyan (72%)
- Magenta (100%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 480046 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 480046 by changing the saturation by 10% instead.

 480046

 480046

 FFF2FF

 30002F

 7B3777

 15001A

 965091

 000000

 B269AB

 CE83C7

 EB9EE3

 FFB9FF

 FFD5FF

 480046

■ 480746

■ 480E46

■ 481647

■ 481D47

■ 482447

■ 482B47

■ 483247

■ 483A48

■ 484148

Harmonies

Analogous

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



161C5E



480046



580027

Triad

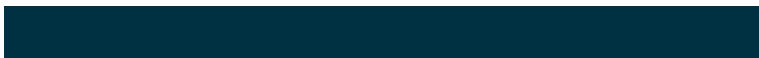
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



480046



2F2300



003143

Complementary

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



480046



004802

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.



003123



480046



0D2B00

Square

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



480046



471400



002F00



00305C

Rectangle

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



480046



590012



002F00



003139

Sweetspot

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



480046



5E425E



010048



301F30



B0B0B0



303030

Same Dimension

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



480046



5E005C



480023



242024



630061



E300DD

Inverse Universe

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



480046



5E005C



004825



242024



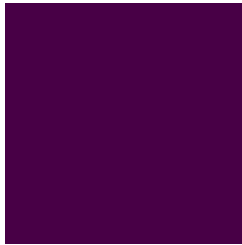
630061



E300DD

Previews

White Background



This preview shows how the Hex color 480046 looks on a white background.

Color Contrast Check

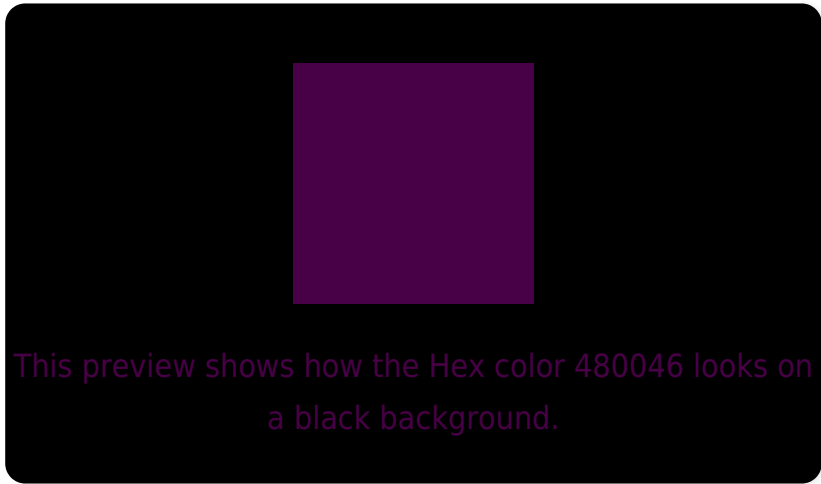
Large Text (above 18pt) WCAG AA ✓ Pass

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

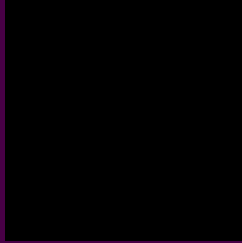
Any Text WCAG AA × Fail

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 480046 Background



This preview shows how black text looks on a background with the Hex color 480046.

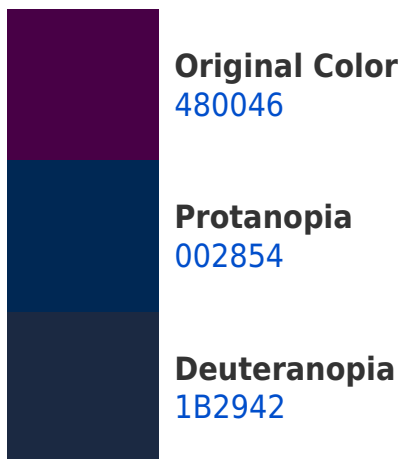


This preview shows how white text looks on a background with the Hex color 480046.

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
441B1D

Trichromacy



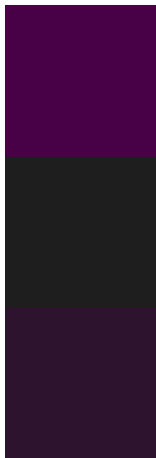
Original Color
480046

Protanomaly
1A194F

Deuteranomaly
2B1A43

Tritanomaly
45112C

Monochromacy



Original Color
480046

Achromatopsia
1E1E1E

Achromatomaly
2D132D

CSS Examples

Text

The CSS property to change the color of the text to Hex 480046 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 #480046 looks like.

```
.text, #text, p{  
    color:#480046  
}
```

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 #480046 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #480046
}
```

Border

The CSS property to change the border of an element to Hex 480046 is called "border". The border property can be set on classes, ids or directly on the HTML element.

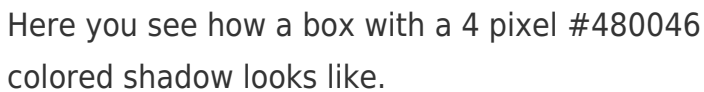
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#480046 }
```

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

```
.border{ border-color:#480046 }
```

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



Here you see how a box with a 4 pixel #480046 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #480046; -webkit-box-shadow:4px 4px  
4px 4px #480046; box-shadow:4px 4px 4px  
4px #480046 }
```

Background

The CSS property to change the background color of an element to Hex 480046 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#480046 }
```

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

```
.background{ background-color:#480046 }
```

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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