

Converting Colors

Hex(480016)

Have a look what the booklet for
Hex(480016) contains.

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Color

Hex(480016)

Conversions

Conversions Part 1

Format	Color
Hex	480016
RGB	72, 0, 22
RGB Percent	28%, 0%, 9%
CMY	0.7176, 1.0000, 0.9137
CMYK	0.00, 1.00, 0.69, 0.72
HSL	342°, 100%, 14%
HSV	342°, 100%, 28%
XYZ	2.8173, 1.4356, 0.8877
YIQ	24.0360, 35.8500, 22.1060

Conversions

Conversions Part 2

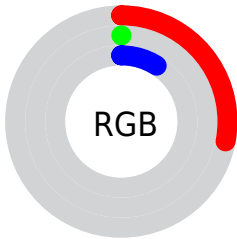
Format	Color
R_{YB}	72, 0, 22
Decimal	4718614
CIE _{Lab}	12.19, 33.22, 8.33
CIE _{LCh}	12, 34.246, 14.070
Yxy	1.4356, 0.5480, 0.2793
Android (android.graphics.Color)	4282908694 (0xFF480016)
YUV	24.0360, -1.0037, 42.0644
Hunter-Lab	11.9818, 21.0027, 3.9948

Details

The Hex color **480016** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **004832**, and the grayscale version is **181818**.

A 20% lighter version of the original color is **7D3440**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **480016**, and if you desaturate by 10%, it is **48071B**.

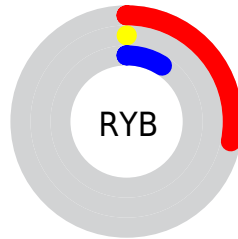
Distribution



Red (28%)

Green (0%)

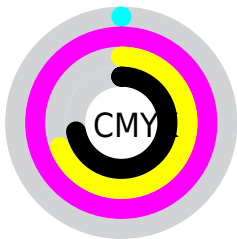
Blue (9%)



Red (28%)

Yellow (0%)

Blue (9%)

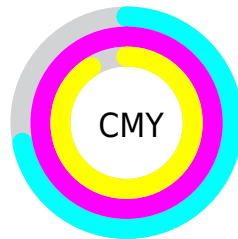


Cyan (0%)

Magenta (100%)

Yellow (69%)

Black (72%)



Cyan (72%)

Magenta (100%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 480016 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 480016 by changing the saturation by 10% instead.

 480016

 480016

 FFEDF7

 310000

 7D3440

 000000

 994C57

 B56570

 D27F89

 EF99A3

 FFB5BE

 FFD1DA

 480016

■ 48071B

■ 480E20

■ 481625

■ 481D2A

■ 48242F

■ 482B34

■ 483239

■ 483A3E

■ 484143

Harmonies

Analogous

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



43032D



480016



420D00

Triad

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



480016



022700



00264E

Complementary

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



480016



004832

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.



002941



480016



002912

Square

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



480016



1F2200



002A2B



001F4E

Rectangle

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



480016



391600



002A2B



00284B

Sweetspot

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



480016



5E424B



310048



301F24



B0B0B0



303030

Same Dimension

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



480016



5E001D



480D00



242021



63001E



E30045

Inverse Universe

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



480016



5E001D



003B48



242021



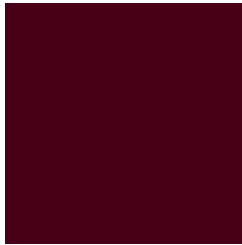
63001E



E30045

Previews

White Background



This preview shows how the Hex color 480016 looks on a white background.

Color Contrast Check

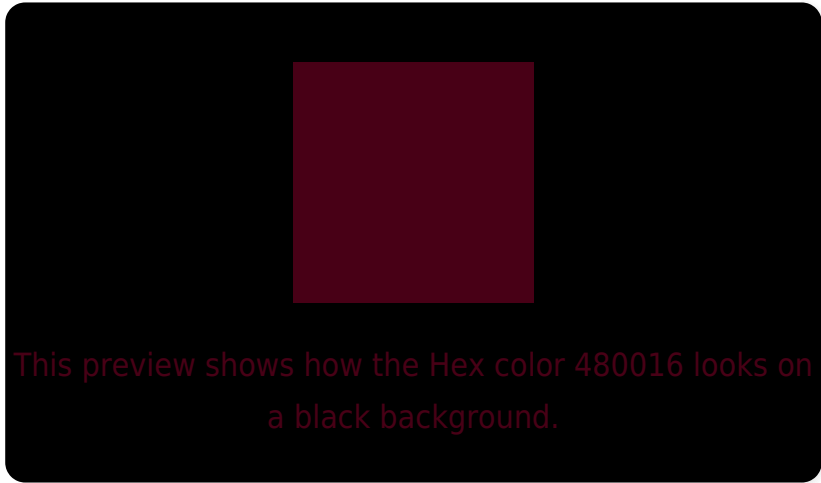
Large Text (above 18pt) WCAG AA ✓ Pass

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

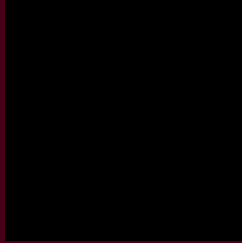
Any Text WCAG AA × Fail

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 480016 Background



This preview shows how black text looks on a background with the Hex color 480016.

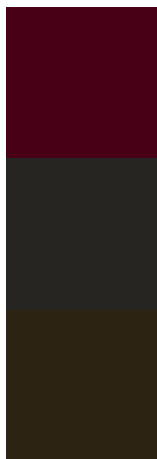


This preview shows how white text looks on a background with the Hex color 480016.

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
480016

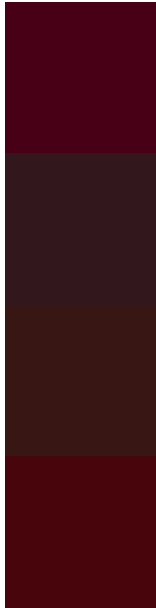
Protanopia
262521

Deuteranopia
2D2313



Tritanopia
480907

Trichromacy



Original Color
480016

Protanomaly
32181D

Deuteranomaly
371614

Tritanomaly
48060C

Monochromacy



Original Color
480016

Achromatopsia
181818

Achromatomaly
290F17

CSS Examples

Text

The CSS property to change the color of the text to Hex 480016 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 #480016 looks like.

```
.text, #text, p{  
    color:#480016  
}
```

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 #480016 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #480016
}
```

Border

The CSS property to change the border of an element to Hex 480016 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".

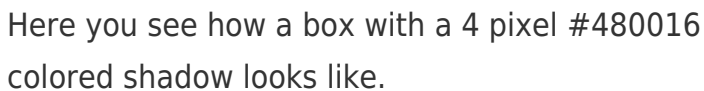
```
.border, #border, table{ border:4px solid
#480016 }
```

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

```
.border{ border-color:#480016 }
```

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

Here you see how a box with a 4 pixel #480016 colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The shadow is visible on the right and bottom edges of the box, creating a 3D effect. The text inside the box is black and reads: "Here you see how a box with a 4 pixel #480016 colored shadow looks like."

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #480016; -webkit-box-shadow:4px 4px  
4px 4px #480016; box-shadow:4px 4px 4px  
4px #480016 }
```

Background

The CSS property to change the background color of an element to Hex 480016 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#480016 }
```

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

```
.background{ background-color:#480016 }
```

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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