

Converting Colors

Hex(480F00)

Have a look what the booklet for
Hex(480F00) contains.

Hex(480F00)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(480F00)

Conversions

Conversions Part 1

Format	Color
Hex	480F00
RGB	72, 15, 0
RGB Percent	28%, 6%, 0%
CMY	0.7176, 0.9412, 1.0000
CMYK	0.00, 0.79, 1.00, 0.72
HSL	12°, 100%, 14%
HSV	12°, 100%, 28%
XYZ	2.8433, 1.7194, 0.1820
YIQ	30.3330, 38.7870, 7.4190

Conversions

Conversions Part 2

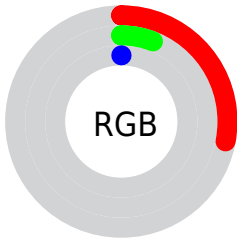
Format	Color
R_YB	72, 19, 0
Decimal	4722432
CIE Lab	13.94, 26.16, 21.43
CIE LCh	14, 33.820, 39.320
Yxy	1.7194, 0.5993, 0.3624
Android (android.graphics.Color)	4282912512 (0xFF480F00)
YUV	30.3330, -14.9542, 36.5420
Hunter-Lab	13.1125, 15.7592, 8.3557

Details

The Hex color **480F00** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **003948**, and the grayscale version is **1E1E1E**.

A 20% lighter version of the original color is **7D3E2F**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **480F00**, and if you desaturate by 10%, it is **481507**.

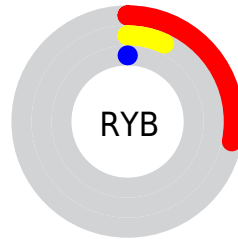
Distribution



Red (28%)

Green (6%)

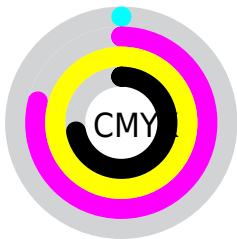
Blue (0%)



Red (28%)

Yellow (7%)

Blue (0%)

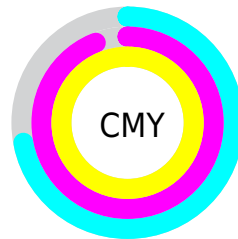


Cyan (0%)

Magenta (79%)

Yellow (100%)

Black (72%)



Cyan (72%)

Magenta (94%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 480F00 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 480F00 by changing the saturation by 10% instead.

 480F00

 480F00

 FFF7E2

 2F0000

 7D3E2F

 000000

 995646

 B56F5D

 D28876

 F0A390

 FFBEAA

 FFDAC6

 480F00

■ 481507

■ 481A0E

■ 482016

■ 48261D

■ 482C24

■ 48312B

■ 483732

■ 483D3A

■ 484241

Harmonies

Analogous

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



4C041D



480F00



3A1C00

Triad

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



480F00



002D11



002453

Complementary

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



480F00



003948

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.



002B50



480F00



002E2A

Square

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



480F00



0E2A00



002D41



2C1948

Rectangle

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



480F00



2E2200



002D41



002753

Sweetspot

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



480F00



5E4842



48003A



30231F



B0B0B0



303030

Same Dimension

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



480F00



5E1400



483200



242120



631500



E32F00

Inverse Universe

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



003948



004B5E



001648



202324



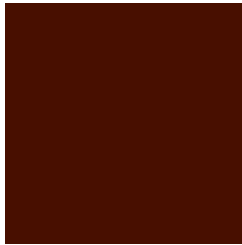
004F63



00B4E3

Previews

White Background



This preview shows how the Hex color 480F00 looks on a white background.

Color Contrast Check

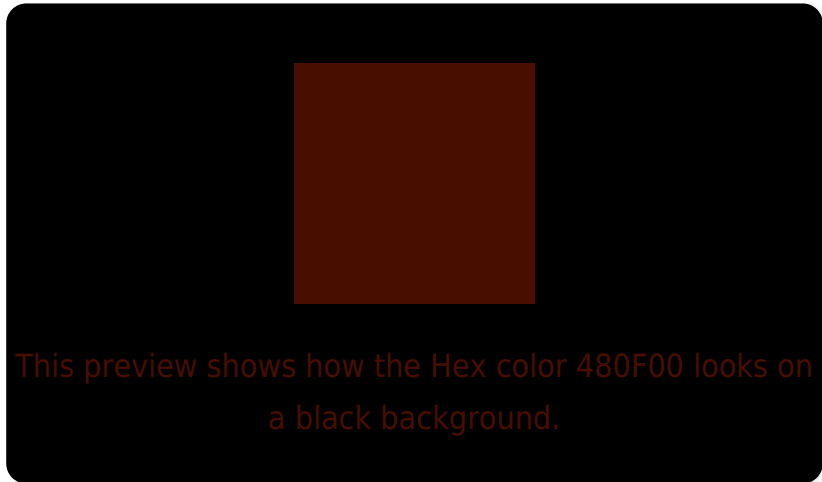
Large Text (above 18pt) WCAG AA ✓ Pass

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

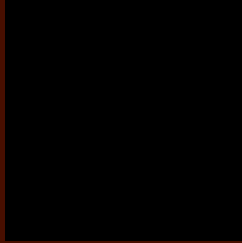
Any Text WCAG AA × Fail

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 480F00 Background



This preview shows how black text looks on a background with the Hex color 480F00.

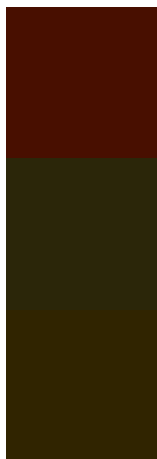


This preview shows how white text looks on a background with the Hex color 480F00.

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
480F00

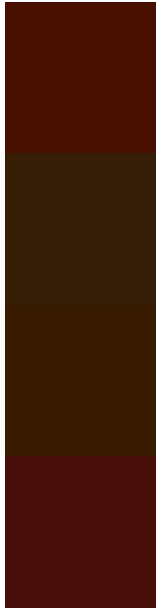
Protanopia
2B2609

Deuteranopia
302400



Tritanopia
480E0E

Trichromacy



Original Color
480F00

Protanomaly
361E06

Deuteranomaly
391C00

Tritanomaly
480E09

Monochromacy



Original Color
480F00

Achromatopsia
1E1E1E

Achromatomaly
2D1913

CSS Examples

Text

The CSS property to change the color of the text to Hex 480F00 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 #480F00 looks like.

```
.text, #text, p{  
    color:#480F00  
}
```

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 #480F00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #480F00
}
```

Border

The CSS property to change the border of an element to Hex 480F00 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".

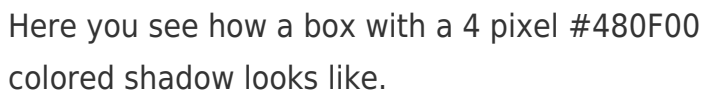
```
.border, #border, table{ border:4px solid
#480F00 }
```

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

```
.border{ border-color:#480F00 }
```

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

Here you see how a box with a 4 pixel #480F00 colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The shadow is cast to the right and bottom 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 #480F00 colored shadow looks like."

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #480F00; -webkit-box-shadow:4px 4px  
4px 4px #480F00; box-shadow:4px 4px 4px  
4px #480F00 }
```

Background

The CSS property to change the background color of an element to Hex 480F00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#480F00 }
```

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

```
.background{ background-color:#480F00 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor