

# Converting Colors

Hex(480F11)

Have a look what the booklet for  
Hex(480F11) contains.

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**Color**

**Hex(480F11)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	480F11
RGB	72, 15, 17
RGB Percent	28%, 6%, 7%
CMY	0.7176, 0.9412, 0.9333
CMYK	0.00, 0.79, 0.76, 0.72
HSL	358°, 66%, 17%
HSV	358°, 79%, 28%
XYZ	2.9445, 1.7598, 0.7148
YIQ	32.2710, 33.3300, 12.7060

# Conversions

## Conversions Part 2

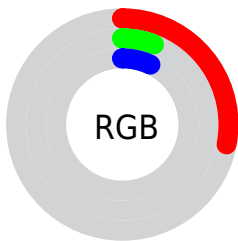
<b>Format</b>	<b>Color</b>
<b>RYB</b>	72, 15, 17
Decimal	4722449
CIELab	14.17, 26.98, 14.21
CIELCh	14, 30.493, 27.779
Yxy	1.7598, 0.5434, 0.3247
Android (android.graphics.Color)	4282912529 (0xFF480F11)
YUV	32.2710, -7.5286, 34.8423
Hunter-Lab	13.2659, 16.4045, 6.0914

# Details

The Hex color **480F11** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **0F4846**, and the grayscale version is **202020**.

A 20% lighter version of the original color is **7D3E3B**, and **050000** is the 20% darker color. If you saturate the color by 10%, you get **48080A**, and if you desaturate by 10%, it is **481618**.

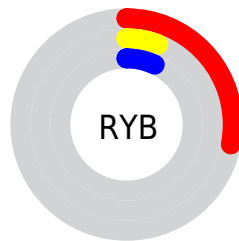
# Distribution



Red (28%)

Green (6%)

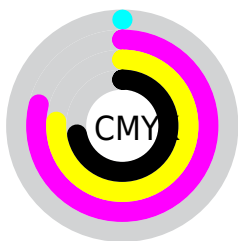
Blue (7%)



Red (28%)

Yellow (6%)

Blue (7%)

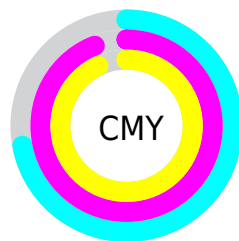


Cyan (0%)

Magenta (79%)

Yellow (76%)

Black (72%)



Cyan (72%)

Magenta (94%)

Yellow (93%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 480F11 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 480F11 by changing the saturation by 10% instead.



 480F11

 480F11

 FFF7F1

 300000

 7D3E3B

 050000

 985652

 000000

 B46F6A

 D18984

 EEA39E

 FFBFB9

 FFDBD4

 480F11

 480F11

■ 48080A

■ 481618

■ 480103

■ 481D1F

■ 480003

■ 482526

■ 482C2D

■ 483334

■ 483A3B

■ 484142

■ 484949

■ 485050

# Harmonies

## Analogous

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



480B26



480F11



3F1900

# Triad

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



480F11



002C0A



00274F

# Complementary

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



480F11



0F4846

# 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.



002C48



480F11



002D22

# Square

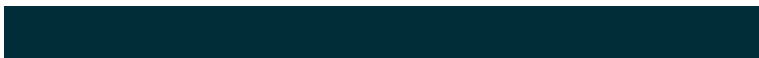
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



480F11



1B2800



002D37



1F1F4A

# Rectangle

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



480F11



352000



002D37



00294E



# Sweetspot

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



480F11



5E4849



450F48



302223



B0B0B0



303030



# Same Dimension

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



480F11



5E0508



48290F



242020



630003



E30008



# Inverse Universe

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



480F11



5E0508



0F2E48



242020



630003

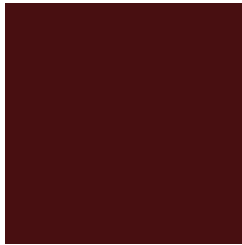


E30008



# Previews

## White Background



This preview shows how the Hex color 480F11 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 480F11 Background



This preview shows how black text looks on a background with the Hex color 480F11.

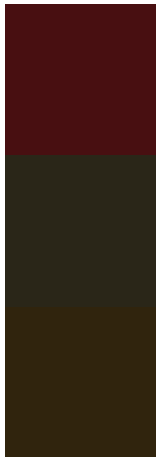


This preview shows how white text looks on a background with the Hex color 480F11.

# 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**  
480F11

**Protanopia**  
2A2618

**Deuteranopia**  
30240D



# Trichromacy



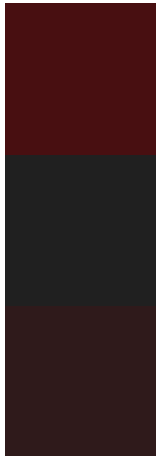
**Original Color**  
480F11

**Protanomaly**  
351E15

**Deuteranomaly**  
391C0E

**Tritanomaly**  
480F10

# Monochromacy



**Original Color**  
480F11

**Achromatopsia**  
202020

**Achromatomaly**  
2F1A1B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 480F11 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 #480F11 looks like.

```
.text, #text, p{  
    color:#480F11  
}
```

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 #480F11 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #480F11
}
```

## Border

The CSS property to change the border of an element to Hex 480F11 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".

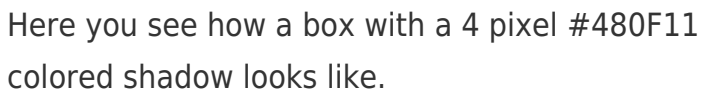
```
.border, #border, table{ border:4px solid
#480F11 }
```

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

```
.border{ border-color:#480F11 }
```

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

Here you see how a box with a 4 pixel #480F11 colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The box is white with a thin dark red border. Below and to the right of the box is a dark red shadow, creating a 3D effect. The shadow is rectangular and matches the color of the border.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #480F11; -webkit-box-shadow:4px 4px  
4px 4px #480F11; box-shadow:4px 4px 4px  
4px #480F11 }
```

# Background

The CSS property to change the background color of an element to Hex 480F11 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#480F11 }
```

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

```
.background{ background-color:#480F11 }
```

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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