

Converting Colors

Hex(480C7B)

Have a look what the booklet for
Hex(480C7B) contains.

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Color

Hex(480C7B)

Conversions

Conversions Part 1

Format	Color
Hex	480C7B
RGB	72, 12, 123
RGB Percent	28%, 5%, 48%
CMY	0.7176, 0.9529, 0.5176
CMYK	0.41, 0.90, 0.00, 0.52
HSL	272°, 82%, 26%
HSV	272°, 90%, 48%
XYZ	6.3791, 3.0707, 18.9954
YIQ	42.5940, 0.1290, 47.2410

Conversions

Conversions Part 2

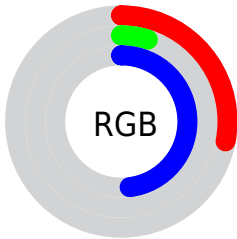
Format	Color
R _Y B	72, 12, 123
Decimal	4721787
CIE Lab	20.32, 46.62, -49.12
CIE LCh	20, 67.725, 313.503
Yxy	3.0707, 0.2243, 0.1080
Android (android.graphics.Color)	4282911867 (0xFF480C7B)
YUV	42.5940, 39.6402, 25.7891
Hunter-Lab	17.5235, 34.3137, -52.0037

Details

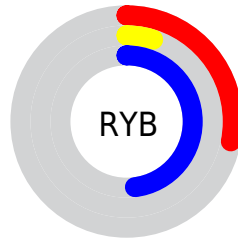
The Hex color **480C7B** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **3F7B0C**, and the grayscale version is **2A2A2A**.

A 20% lighter version of the original color is **7E42B0**, and **150049** is the 20% darker color. If you saturate the color by 10%, you get **42007B**, and if you desaturate by 10%, it is **4E187B**.

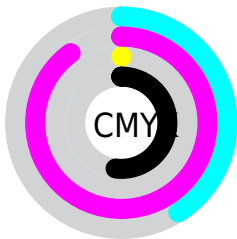
Distribution



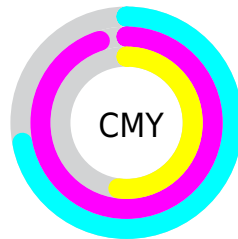
- Red (28%)
- Green (5%)
- Blue (48%)



- Red (28%)
- Yellow (5%)
- Blue (48%)



- Cyan (41%)
- Magenta (90%)
- Yellow (0%)
- Black (52%)



- Cyan (72%)
- Magenta (95%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 480C7B 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 480C7B by changing the saturation by 10% instead.

 480C7B

 480C7B

FFFFFF

 2D0061

 7E42B0

 150049

 9A5BCC

 000031

 B675E9

 00011B

 D38FFF

 000000

 F0ABFF

 FFC6FF

 FFE3FF

 480C7B

 480C7B

■ 42007B

■ 4E187B

■ 53257B

■ 59317B

■ 5F3D7B

■ 64497B

■ 6A567B

■ 70627B

■ 756E7B

■ 7B7B7B

Harmonies

Analogous

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



003295



480C7B



77004F

Triad

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



480C7B



532400



004247

Complementary

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



480C7B



3F7B0C

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.



004111



480C7B



283600

Square

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



480C7B



720000



003E00



004376

Rectangle

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



480C7B



80002E



003E00



004236

Sweetspot

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



480C7B



8D75A1



0C407B



463752



D1D1D1



525252

Same Dimension

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



480C7B



5700A1



7B0C77



3A373D



44007D



8800FC

Inverse Universe

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



7B0C3F



A1004A



0C7B10



3D373A



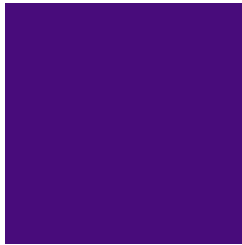
7D0039



FC0074

Previews

White Background



This preview shows how the Hex color 480C7B looks on a white background.

Color Contrast Check

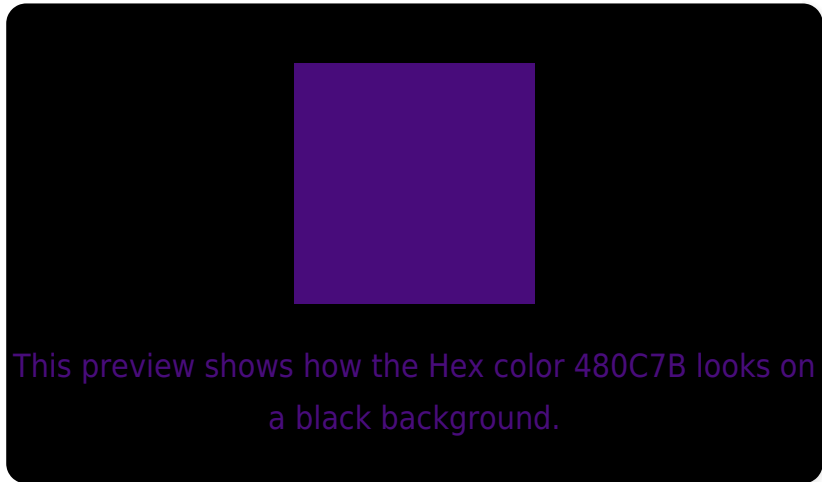
Large Text (above 18pt) WCAG AA ✓ Pass

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

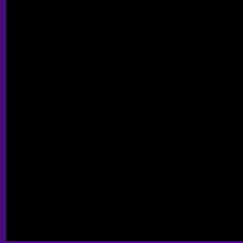
Any Text WCAG AA × Fail

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 480C7B Background



This preview shows how black text looks on a background with the Hex color 480C7B.



This preview shows how white text looks on a background with the Hex color 480C7B.

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
480C7B

Protanopia
003168

Deuteranopia
003559



Tritanopia
393135

Trichromacy



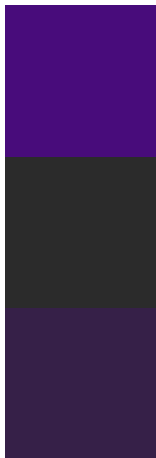
Original Color
480C7B

Protanomaly
1A246F

Deuteranomaly
1A2665

Tritanomaly
3E244E

Monochromacy



Original Color
480C7B

Achromatopsia
2B2B2B

Achromatomaly
362048

CSS Examples

Text

The CSS property to change the color of the text to Hex 480C7B 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 #480C7B looks like.

```
.text, #text, p{  
    color:#480C7B  
}
```

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 #480C7B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #480C7B
}
```

Border

The CSS property to change the border of an element to Hex 480C7B is called "border". The border property can be set on classes, ids or directly on the HTML element.

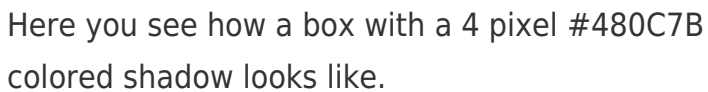
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#480C7B }
```

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

```
.border{ border-color:#480C7B }
```

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



Here you see how a box with a 4 pixel #480C7B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #480C7B; -webkit-box-shadow:4px 4px  
4px 4px #480C7B; box-shadow:4px 4px 4px  
4px #480C7B }
```

Background

The CSS property to change the background color of an element to Hex 480C7B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#480C7B }
```

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

```
.background{ background-color:#480C7B }
```

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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