

Converting Colors

Hex(480A75)

Have a look what the booklet for
Hex(480A75) contains.

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Color

Hex(480A75)

Conversions

Conversions Part 1

Format	Color
Hex	480A75
RGB	72, 10, 117
RGB Percent	28%, 4%, 46%
CMY	0.7176, 0.9608, 0.5412
CMYK	0.38, 0.91, 0.00, 0.54
HSL	275°, 84%, 25%
HSV	275°, 91%, 46%
XYZ	5.9919, 2.8792, 17.0695
YIQ	40.7360, 2.6050, 46.4210

Conversions

Conversions Part 2

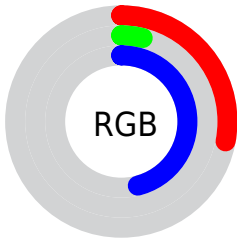
Format	Color
R_{YB}	72, 10, 117
Decimal	4721269
CIE _{Lab}	19.55, 45.75, -46.54
CIE _{LCh}	20, 65.263, 314.508
Yxy	2.8792, 0.2310, 0.1110
Android (android.graphics.Color)	4282911349 (0xFF480A75)
YUV	40.7360, 37.5982, 27.4185
Hunter-Lab	16.9681, 33.3394, -47.7669

Details

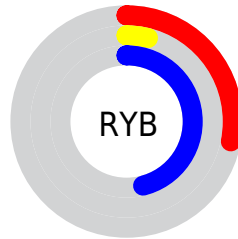
The Hex color **480A75** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **37750A**, and the grayscale version is **282828**.

A 20% lighter version of the original color is **7E40AA**, and **170044** is the 20% darker color. If you saturate the color by 10%, you get **440075**, and if you desaturate by 10%, it is **4D1675**.

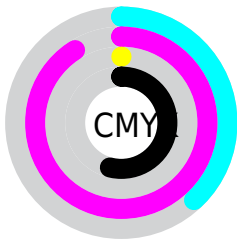
Distribution



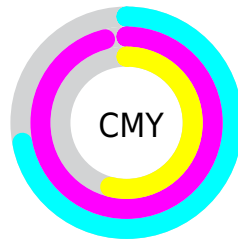
- Red (28%)
- Green (4%)
- Blue (46%)



- Red (28%)
- Yellow (4%)
- Blue (46%)



- Cyan (38%)
- Magenta (91%)
- Yellow (0%)
- Black (54%)



- Cyan (72%)
- Magenta (96%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 480A75 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 480A75 by changing the saturation by 10% instead.

■ 480A75

■ 480A75

FFFEFF

■ 2D005C

■ 7E40AA

■ 170044

■ 9959C6

■ 00032C

■ B573E2

■ 000117

■ D28EFF

■ 000000

■ EFA9FF

■ FFC5FF

■ FFE1FF

■ 480A75

■ 480A75

■ 440075

■ 4D1675

■ 522175

■ 572D75

■ 5C3975

■ 614475

■ 665075

■ 6A5C75

■ 6F6875

■ 747375

Harmonies

Analogous

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



002F8F



480A75



73004A

Triad

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



480A75



4F2400



004046

Complementary

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



480A75



37750A

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.



003F13



480A75



263500

Square

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



480A75



6D0000



003C00



004073

Rectangle

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



480A75



7C002B



003C00



004036

Sweetspot

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



480A75



887099



0A3875



42344D



CCCCCC



4D4D4D

Same Dimension

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



480A75



590099



750A6E



38353B



47007A



9100FA

Inverse Universe

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



750A37



990040



0A7511



3B3537



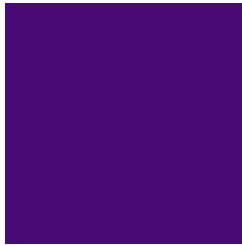
7A0033



FA0069

Previews

White Background



This preview shows how the Hex color 480A75 looks on a white background.

Color Contrast Check

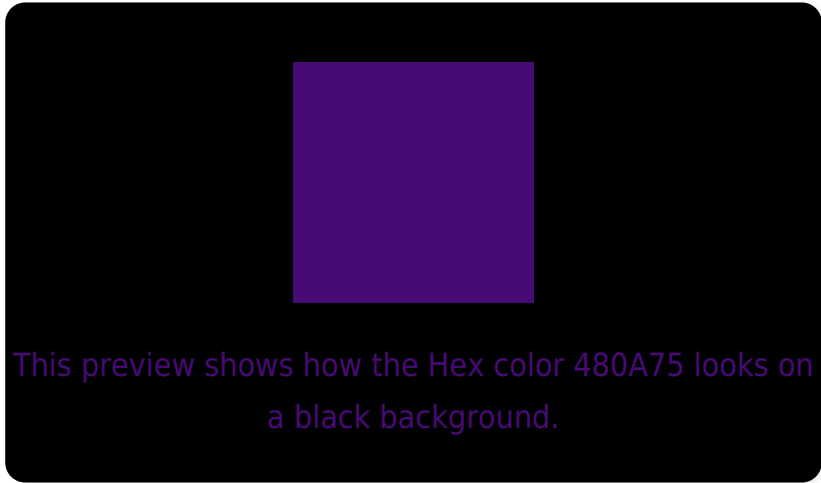
Large Text (above 18pt) WCAG AA ✓ Pass

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

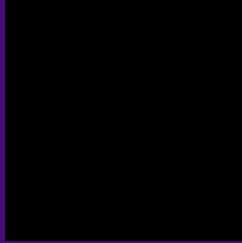
Any Text WCAG AA × Fail

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 480A75 Background



This preview shows how black text looks on a background with the Hex color 480A75.



This preview shows how white text looks on a background with the Hex color 480A75.

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](#).

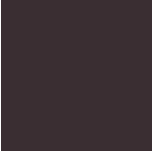
Dichromacy



Original Color
480A75

Protanopia
003065

Deuteranopia
003357



Tritanopia
3A2E32

Trichromacy



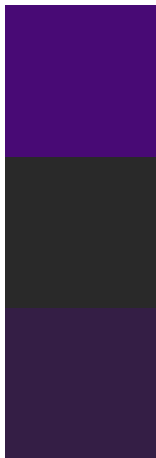
Original Color
480A75

Protanomaly
1A226B

Deuteranomaly
1A2462

Tritanomaly
3F214A

Monochromacy



Original Color
480A75

Achromatopsia
292929

Achromatomaly
341E45

CSS Examples

Text

The CSS property to change the color of the text to Hex 480A75 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 #480A75 looks like.

```
.text, #text, p{  
    color:#480A75  
}
```

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 #480A75 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #480A75
}
```

Border

The CSS property to change the border of an element to Hex 480A75 is called "border". The border property can be set on classes, ids or directly on the HTML element.

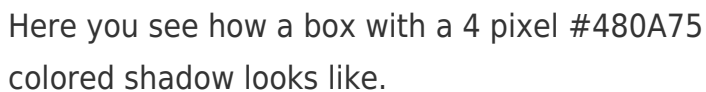
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#480A75 }
```

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

```
.border{ border-color:#480A75 }
```

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



Here you see how a box with a 4 pixel #480A75 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #480A75; -webkit-box-shadow:4px 4px  
4px 4px #480A75; box-shadow:4px 4px 4px  
4px #480A75 }
```

Background

The CSS property to change the background color of an element to Hex 480A75 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#480A75 }
```

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

```
.background{ background-color:#480A75 }
```

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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