

Converting Colors

Hex(480663)

Have a look what the booklet for
Hex(480663) contains.

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Color

Hex(480663)

Conversions

Conversions Part 1

Format	Color
Hex	480663
RGB	72, 6, 99
RGB Percent	28%, 2%, 39%
CMY	0.7176, 0.9765, 0.6118
CMYK	0.27, 0.94, 0.00, 0.61
HSL	283°, 89%, 21%
HSV	283°, 94%, 39%
XYZ	4.9897, 2.4088, 12.0063
YIQ	36.3360, 9.4830, 42.9150

Conversions

Conversions Part 2

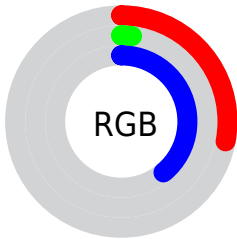
Format	Color
R_{YB}	72, 6, 99
Decimal	4720227
CIE _{Lab}	17.50, 42.82, -38.15
CIE _{LCh}	18, 57.345, 318.303
Yxy	2.4088, 0.2571, 0.1241
Android (android.graphics.Color)	4282910307 (0xFF480663)
YUV	36.3360, 30.8934, 31.2773
Hunter-Lab	15.5204, 30.2264, -35.0016




Details

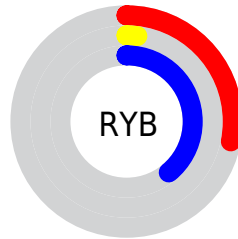
The Hex color **480663** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **216306**, and the grayscale version is **242424**.




A 20% lighter version of the original color is **7C3D97**, and **190034** is the 20% darker color. If you saturate the color by 10%, you get **460063**, and if you desaturate by 10%, it is **4B1063**.

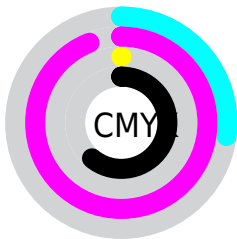
Distribution







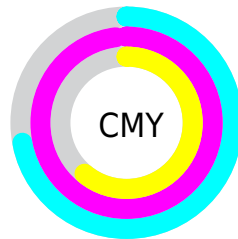
-  Red (28%)
-  Green (2%)
-  Blue (39%)






-  Red (28%)
-  Yellow (2%)
-  Blue (39%)



-  Cyan (27%)
-  Magenta (94%)
-  Yellow (0%)
-  Black (61%)



-  Cyan (72%)
-  Magenta (98%)
-  Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color 480663 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 480663 by changing the saturation by 10% instead.

 480663

 480663

 FFF9FF

 2F004B

 7C3D97

 190034

 9756B2

 00021D

 B36FCD

 000000

 CF8AEA

 ECA5FF

 FFC0FF

 FFDDFF

 480663

 480663

■ 460063

■ 4B1063

■ 4E1A63

■ 512463

■ 532E63

■ 563863

■ 594163

■ 5C4B63

■ 5F5563

■ 625F63

Harmonies

Analogous

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



00287C



480663



68003D

Triad

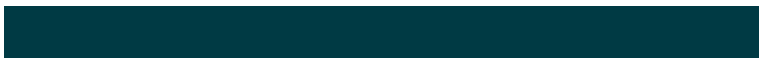
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



480663



432300



003A44

Complementary

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



480663



216306

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.



003919



480663



1E3100

Square

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



480663



5E0100



003600



003A69

Rectangle

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



480663



6E0022



003600



003A36

Sweetspot

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



480663



755C80



062263



392A40



BFBFBF



404040

Same Dimension

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



480663



5A0080



630650



2F2C30



500070



AA00F0

Inverse Universe

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



630621



800025



066319



302C2D



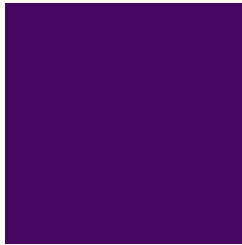
700021



F00046

Previews

White Background



This preview shows how the Hex color 480663 looks on a white background.

Color Contrast Check

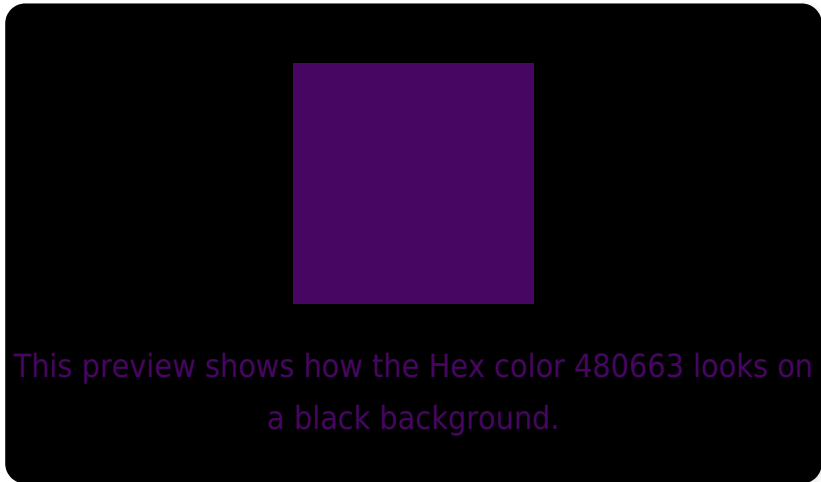
Large Text (above 18pt) WCAG AA ✓ Pass

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

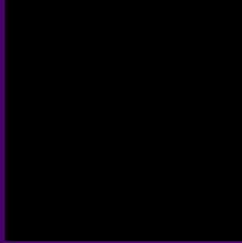
Any Text WCAG AA × Fail

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 480663 Background



This preview shows how black text looks on a background with the Hex color 480663.



This preview shows how white text looks on a background with the Hex color 480663.

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
480663

Protanopia
002C5D

Deuteranopia
002F51



Tritanopia
3F272A

Trichromacy



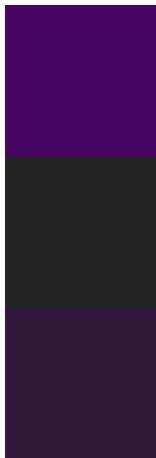
Original Color
480663

Protanomaly
1A1E5F

Deuteranomaly
1A2058

Tritanomaly
421B3F

Monochromacy



Original Color
480663

Achromatopsia
242424

Achromatomaly
31193B

CSS Examples

Text

The CSS property to change the color of the text to Hex 480663 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 #480663 looks like.

```
.text, #text, p{  
    color:#480663  
}
```

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 #480663 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #480663
}
```

Border

The CSS property to change the border of an element to Hex 480663 is called "border". The border property can be set on classes, ids or directly on the HTML element.

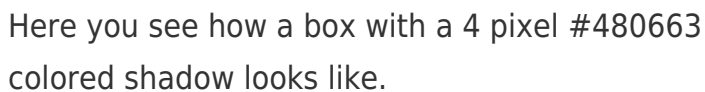
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#480663 }
```

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

```
.border{ border-color:#480663 }
```

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



Here you see how a box with a 4 pixel #480663 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #480663; -webkit-box-shadow:4px 4px  
4px 4px #480663; box-shadow:4px 4px 4px  
4px #480663 }
```

Background

The CSS property to change the background color of an element to Hex 480663 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#480663 }
```

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

```
.background{ background-color:#480663 }
```

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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