

Converting Colors

Hex(480C53)

Have a look what the booklet for
Hex(480C53) contains.

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Color

Hex(480C53)

Conversions

Conversions Part 1

Format	Color
Hex	480C53
RGB	72, 12, 83
RGB Percent	28%, 5%, 33%
CMY	0.7176, 0.9529, 0.6745
CMYK	0.13, 0.86, 0.00, 0.67
HSL	291°, 75%, 19%
HSV	291°, 86%, 33%
XYZ	4.3653, 2.2652, 8.3908
YIQ	38.0340, 12.9690, 34.8010

Conversions

Conversions Part 2

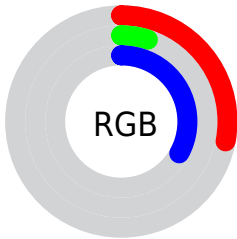
Format	Color
R_{YB}	72, 12, 83
Decimal	4721747
CIE _{Lab}	16.82, 37.59, -28.52
CIE _{LCh}	17, 47.182, 322.809
Yxy	2.2652, 0.2906, 0.1508
Android (android.graphics.Color)	4282911827 (0xFF480C53)
YUV	38.0340, 22.1682, 29.7882
Hunter-Lab	15.0506, 25.4340, -22.5191

Details

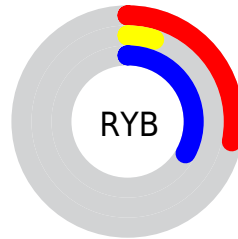
The Hex color **480C53** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **17530C**, and the grayscale version is **262626**.

A 20% lighter version of the original color is **7B3F85**, and **1A0026** is the 20% darker color. If you saturate the color by 10%, you get **470453**, and if you desaturate by 10%, it is **491453**.

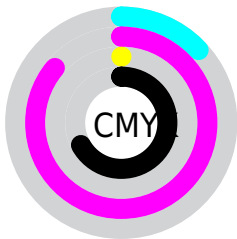
Distribution



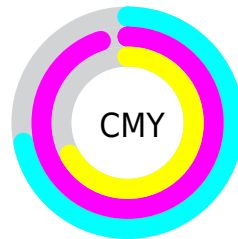
- Red (28%)
- Green (5%)
- Blue (33%)



- Red (28%)
- Yellow (5%)
- Blue (33%)



- Cyan (13%)
- Magenta (86%)
- Yellow (0%)
- Black (67%)



- Cyan (72%)
- Magenta (95%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 480C53 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 480C53 by changing the saturation by 10% instead.

 480C53

 480C53

 FFFBFF

 30003C

 7B3F85

 1A0026

 96579F

 00010E

 B171BB

 000000

 CD8BD6

 EAA6F3

 FFC2FF

 FFDEFF

 480C53

 480C53

■ 470453

■ 491453

■ 460053

■ 4B1D53

■ 4C2553

■ 4D2D53

■ 4E3553

■ 503E53

■ 514653

■ 524E53

■ 545753

Harmonies

Analogous

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



002569



480C53



5E0033

Triad

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



480C53



3B2500



003743

Complementary

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



480C53



17530C

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.



003620



480C53



1B2F00

Square

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



480C53



531300



003400



003660

Rectangle

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



480C53



62001D



003400



003738

Sweetspot

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



480C53



674F6B



0C1853



332536



B5B5B5



363636

Same Dimension

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



480C53



5B006B



530C3B



282529



580069



C400E8

Inverse Universe

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



530C17



6B0011



0C5324



292525



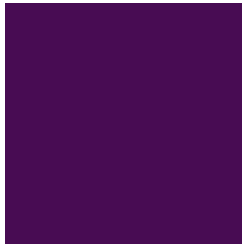
690010



E80024

Previews

White Background



This preview shows how the Hex color 480C53 looks on a white background.

Color Contrast Check

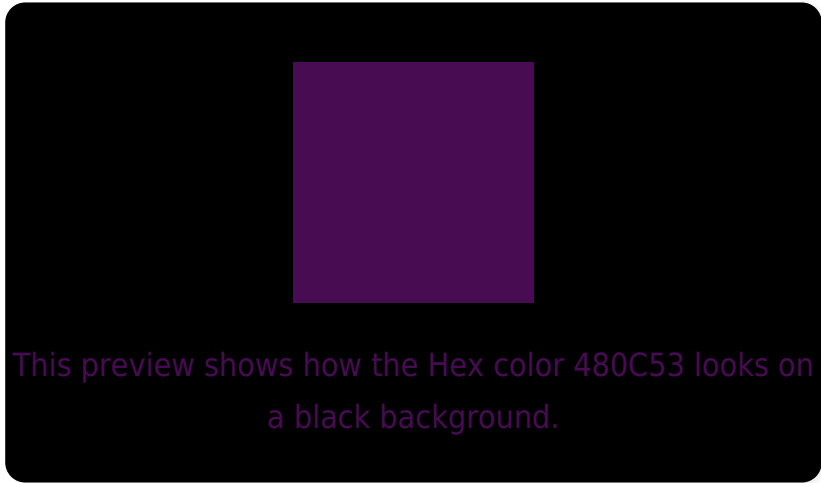
Large Text (above 18pt) WCAG AA ✓ Pass

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

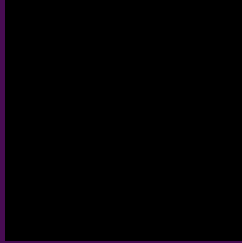
Any Text WCAG AA × Fail

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 480C53 Background



This preview shows how black text looks on a background with the Hex color 480C53.



This preview shows how white text looks on a background with the Hex color 480C53.

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
480C53

Protanopia
002A59

Deuteranopia
092C4E



Tritanopia
422224

Trichromacy



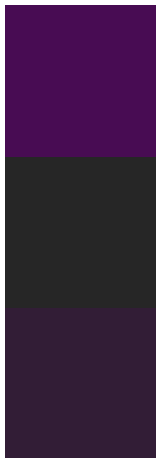
Original Color
480C53

Protanomaly
1A1F57

Deuteranomaly
202050

Tritanomaly
441A35

Monochromacy



Original Color
480C53

Achromatopsia
262626

Achromatomaly
321D36

CSS Examples

Text

The CSS property to change the color of the text to Hex 480C53 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 #480C53 looks like.

```
.text, #text, p{  
    color:#480C53  
}
```

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 #480C53 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #480C53  
}
```

Border

The CSS property to change the border of an element to Hex 480C53 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  
#480C53 }
```

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

```
.border{ border-color:#480C53 }
```

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

Here you see how a box with a 4 pixel #480C53 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #480C53; -webkit-box-shadow:4px 4px  
4px 4px #480C53; box-shadow:4px 4px 4px  
4px #480C53 }
```

Background

The CSS property to change the background color of an element to Hex 480C53 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#480C53 }
```

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

```
.background{ background-color:#480C53 }
```

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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