

Converting Colors

Hex(470B57)

Have a look what the booklet for
Hex(470B57) contains.

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Color

Hex(470B57)

Conversions

Conversions Part 1

Format	Color
Hex	470B57
RGB	71, 11, 87
RGB Percent	28%, 4%, 34%
CMY	0.7216, 0.9569, 0.6588
CMYK	0.18, 0.87, 0.00, 0.66
HSL	287°, 78%, 19%
HSV	287°, 87%, 34%
XYZ	4.4385, 2.2671, 9.2205
YIQ	37.6040, 11.3640, 36.3560

Conversions

Conversions Part 2

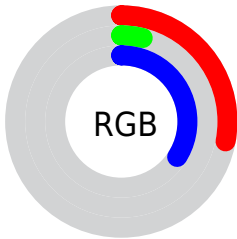
Format	Color
R_{YB}	71, 11, 87
Decimal	4655959
CIE _{Lab}	16.83, 38.54, -31.22
CIE _{LCh}	17, 49.602, 320.990
Yxy	2.2671, 0.2787, 0.1423
Android (android.graphics.Color)	4282846039 (0xFF470B57)
YUV	37.6040, 24.3522, 29.2883
Hunter-Lab	15.0567, 26.2698, -25.7684

Details

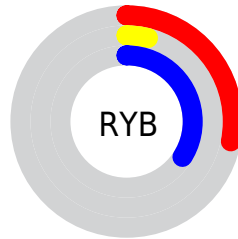
The Hex color **470B57** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **1B570B**, and the grayscale version is **252525**.

A 20% lighter version of the original color is **7A3E89**, and **180029** is the 20% darker color. If you saturate the color by 10%, you get **450257**, and if you desaturate by 10%, it is **491457**.

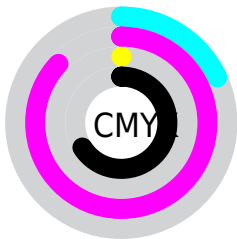
Distribution



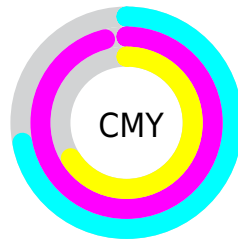
- Red (28%)
- Green (4%)
- Blue (34%)



- Red (28%)
- Yellow (4%)
- Blue (34%)



- Cyan (18%)
- Magenta (87%)
- Yellow (0%)
- Black (66%)



- Cyan (72%)
- Magenta (96%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color 470B57 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 470B57 by changing the saturation by 10% instead.

 470B57

 470B57

 FFFAFF

 2E003F

 7A3E89

 180029

 9557A4

 000113

 B170BF

 000000

 CD8BDB

 E9A6F8

 FFC1FF

 FFDDFF

 470B57

 470B57

■ 450257

■ 491457

■ 450057

■ 4B1C57

■ 4C2557

■ 4E2E57

■ 503757

■ 523F57

■ 544857

■ 565157

■ 575957

Harmonies

Analogous

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



00256D



470B57



600036

Triad

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



470B57



3D2400



003742

Complementary

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



470B57



1B570B

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.



00371D



470B57



1C2F00

Square

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



470B57



560E00



003400



003661

Rectangle

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



470B57



64001F



003400



003736

Sweetspot

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



470B57



6A5370



0B1B57



342738



B8B8B8



383838

Same Dimension

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



470B57



590070



570B41



2A272B



55006B



B900EB

Inverse Universe

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



570B1B



700018



0B5721



2B2728



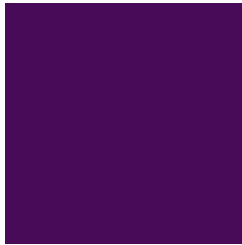
6B0017



EB0031

Previews

White Background



This preview shows how the Hex color 470B57 looks on a white background.

Color Contrast Check

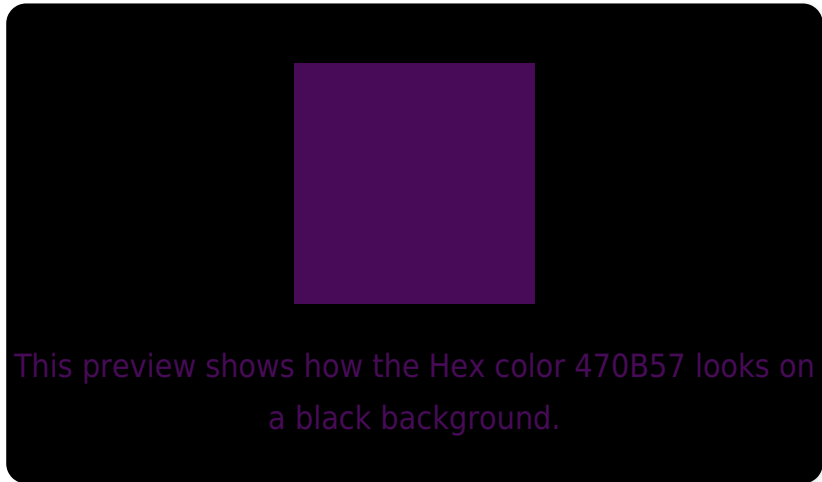
Large Text (above 18pt) WCAG AA ✓ Pass

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

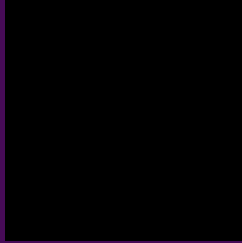
Any Text WCAG AA × Fail

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 470B57 Background



This preview shows how black text looks on a background with the Hex color 470B57.



This preview shows how white text looks on a background with the Hex color 470B57.

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](#).

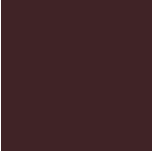
Dichromacy



Original Color
470B57

Protanopia
002A59

Deuteranopia
002D4F



Tritanopia
402326

Trichromacy



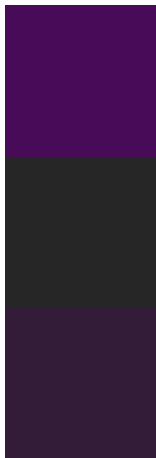
Original Color
470B57

Protanomaly
1A1F58

Deuteranomaly
1A2152

Tritanomaly
431A38

Monochromacy



Original Color
470B57

Achromatopsia
262626

Achromatomaly
321C38

CSS Examples

Text

The CSS property to change the color of the text to Hex 470B57 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 #470B57 looks like.

```
.text, #text, p{  
    color:#470B57  
}
```

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 #470B57 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #470B57
}
```

Border

The CSS property to change the border of an element to Hex 470B57 is called "border". The border property can be set on classes, ids or directly on the HTML element.

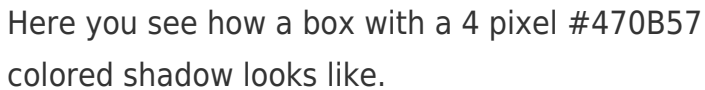
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#470B57 }
```

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

```
.border{ border-color:#470B57 }
```

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



Here you see how a box with a 4 pixel #470B57 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #470B57; -webkit-box-shadow:4px 4px  
4px 4px #470B57; box-shadow:4px 4px 4px  
4px #470B57 }
```

Background

The CSS property to change the background color of an element to Hex 470B57 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#470B57 }
```

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

```
.background{ background-color:#470B57 }
```

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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