

Converting Colors

Hex(470459)

Have a look what the booklet for
Hex(470459) contains.

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Color

Hex(470459)

Conversions

Conversions Part 1

Format	Color
Hex	470459
RGB	71, 4, 89
RGB Percent	28%, 2%, 35%
CMY	0.7216, 0.9843, 0.6510
CMYK	0.20, 0.96, 0.00, 0.65
HSL	287°, 91%, 18%
HSV	287°, 96%, 35%
XYZ	4.4451, 2.1477, 9.6315
YIQ	33.7230, 12.6470, 40.6390

Conversions

Conversions Part 2

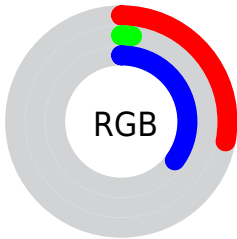
Format	Color
R_{YB}	71, 4, 89
Decimal	4654169
CIE _{Lab}	16.24, 41.16, -33.52
CIE _{LCh}	16, 53.083, 320.842
Yxy	2.1477, 0.2740, 0.1324
Android (android.graphics.Color)	4282844249 (0xFF470459)
YUV	33.7230, 27.2516, 32.6919
Hunter-Lab	14.6550, 28.4959, -28.7076

Details

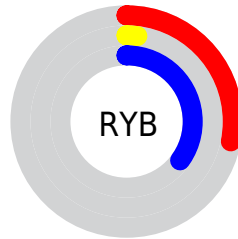
The Hex color **470459** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **165904**, and the grayscale version is **212121**.

A 20% lighter version of the original color is **7B3A8C**, and **17002B** is the 20% darker color. If you saturate the color by 10%, you get **460059**, and if you desaturate by 10%, it is **490D59**.

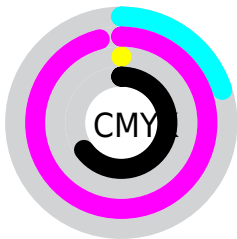
Distribution



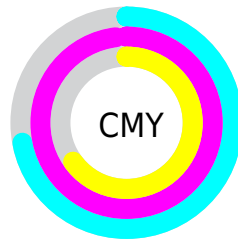
- Red (28%)
- Green (2%)
- Blue (35%)



- Red (28%)
- Yellow (2%)
- Blue (35%)



- Cyan (20%)
- Magenta (96%)
- Yellow (0%)
- Black (65%)



- Cyan (72%)
- Magenta (98%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 470459 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 470459 by changing the saturation by 10% instead.

 470459

 470459

 FFF7FF

 2E0041

 7B3A8C

 17002B

 9653A6

 000114

 B16DC2

 000000

 CD87DE

 EAA2FB

 FFBEFF

 FFDAFF

 470459

 470459

■ 460059

■ 490D59

■ 4B1659

■ 4D1F59

■ 4F2859

■ 503159

■ 523959

■ 544259

■ 564B59

■ 585459

Harmonies

Analogous

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



002471



470459



620036

Triad

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



470459



3D2300



003743

Complementary

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



470459



165904

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.



00361B



470459



192E00

Square

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



470459



560800



003300



003664

Rectangle

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



470459



66001D



003300



003736

Sweetspot

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



470459



6C5173



041659



36263B



BABABA



3B3B3B

Same Dimension

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



470459



5A0073



590441



2A272B



54006B



B900EB

Inverse Universe

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



590416



730018



04591C



2B2728



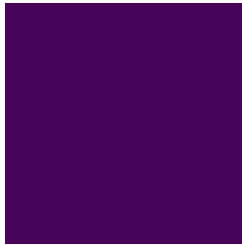
6B0017



EB0032

Previews

White Background



This preview shows how the Hex color 470459 looks on a white background.

Color Contrast Check

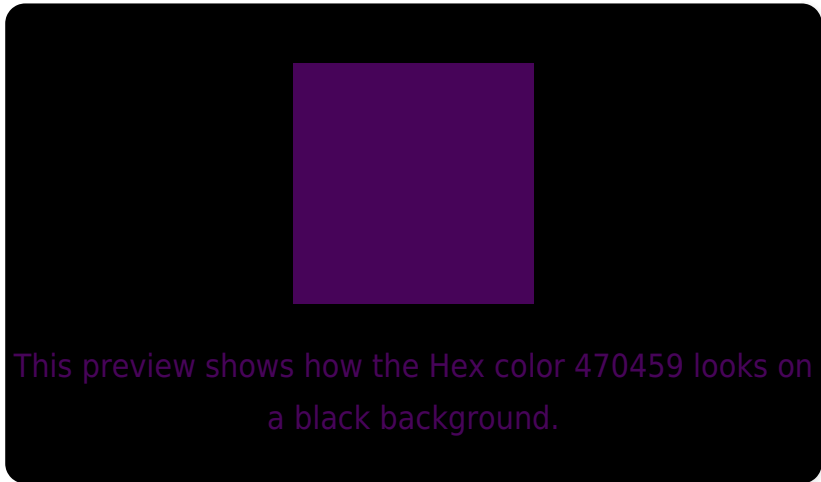
Large Text (above 18pt) WCAG AA ✓ Pass

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

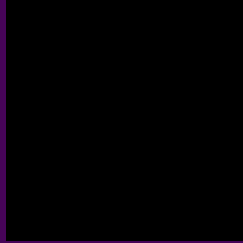
Any Text WCAG AA × Fail

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 470459 Background



This preview shows how black text looks on a background with the Hex color 470459.



This preview shows how white text looks on a background with the Hex color 470459.

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](#).

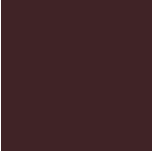
Dichromacy



Original Color
470459

Protanopia
002A59

Deuteranopia
002D4E



Tritanopia
402326

Trichromacy



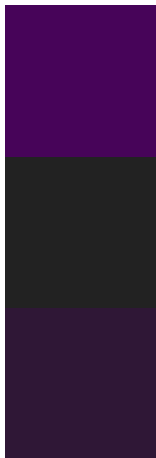
Original Color
470459

Protanomaly
1A1C59

Deuteranomaly
1A1E52

Tritanomaly
431839

Monochromacy



Original Color
470459

Achromatopsia
222222

Achromatomaly
2F1736

CSS Examples

Text

The CSS property to change the color of the text to Hex 470459 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 #470459 looks like.

```
.text, #text, p{  
    color:#470459  
}
```

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 #470459 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #470459
}
```

Border

The CSS property to change the border of an element to Hex 470459 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".

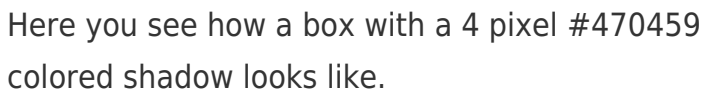
```
.border, #border, table{ border:4px solid
#470459 }
```

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

```
.border{ border-color:#470459 }
```

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

Here you see how a box with a 4 pixel #470459 colored shadow looks like.

A rectangular box with a dark purple border and a dark purple shadow. The box is white with a thin dark purple border on the top and left sides, and a thicker dark purple shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #470459; -webkit-box-shadow:4px 4px  
4px 4px #470459; box-shadow:4px 4px 4px  
4px #470459 }
```

Background

The CSS property to change the background color of an element to Hex 470459 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#470459 }
```

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

```
.background{ background-color:#470459 }
```

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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