

Converting Colors

Hex(470D7B)

Have a look what the booklet for
Hex(470D7B) contains.

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Color

Hex(470D7B)

Conversions

Conversions Part 1

Format	Color
Hex	470D7B
RGB	71, 13, 123
RGB Percent	28%, 5%, 48%
CMY	0.7216, 0.9490, 0.5176
CMYK	0.42, 0.89, 0.00, 0.52
HSL	272°, 81%, 27%
HSV	272°, 89%, 48%
XYZ	6.3176, 3.0575, 18.9961
YIQ	42.8820, -0.7420, 46.5060

Conversions

Conversions Part 2

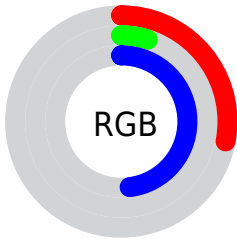
Format	Color
R_{YB}	71, 13, 123
Decimal	4656507
CIE _{Lab}	20.27, 46.19, -49.22
CIE _{LCh}	20, 67.496, 313.184
Yxy	3.0575, 0.2227, 0.1078
Android (android.graphics.Color)	4282846587 (0xFF470D7B)
YUV	42.8820, 39.4982, 24.6595
Hunter-Lab	17.4857, 33.8923, -52.1713

Details

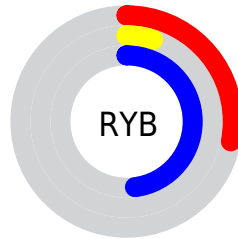
The Hex color **470D7B** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **417B0D**, and the grayscale version is **2B2B2B**.

A 20% lighter version of the original color is **7D42B0**, and **140049** is the 20% darker color. If you saturate the color by 10%, you get **41017B**, and if you desaturate by 10%, it is **4D197B**.

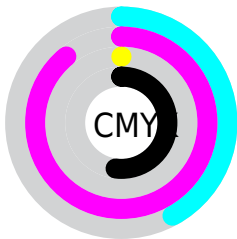
Distribution



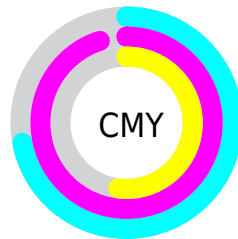
- Red (28%)
- Green (5%)
- Blue (48%)



- Red (28%)
- Yellow (5%)
- Blue (48%)



- Cyan (42%)
- Magenta (89%)
- Yellow (0%)
- Black (52%)



- Cyan (72%)
- Magenta (95%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 470D7B 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 470D7B by changing the saturation by 10% instead.

 470D7B

 470D7B

FFFFFF

 2C0061

 7D42B0

 140049

 995BCC

 000131

 B575E9

 00011B

 D290FF

 000000

 EFABFF

 FFC7FF

 FFE3FF

 470D7B

 470D7B

■ 41017B

■ 4D197B

■ 41007B

■ 53267B

■ 58327B

■ 5E3E7B

■ 644B7B

■ 6A577B

■ 70637B

■ 766F7B

■ 7B7C7B

Harmonies

Analogous

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



003295



470D7B



76004F

Triad

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



470D7B



532400



004247

Complementary

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



470D7B



417B0D

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.



004111



470D7B



293600

Square

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



470D7B



720000



003E00



004375

Rectangle

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



470D7B



80002E



003E00



004235

Sweetspot

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



470D7B



8C75A1



0D427B



453752



D1D1D1



525252

Same Dimension

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



470D7B



5500A1



7B0D79



3A373D



42007D



8500FC

Inverse Universe

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



7B0D41



A1004C



0D7B0F



3D373A



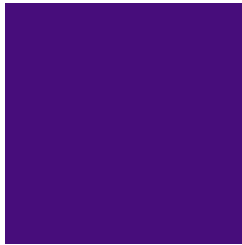
7D003B



FC0077

Previews

White Background



This preview shows how the Hex color 470D7B looks on a white background.

Color Contrast Check

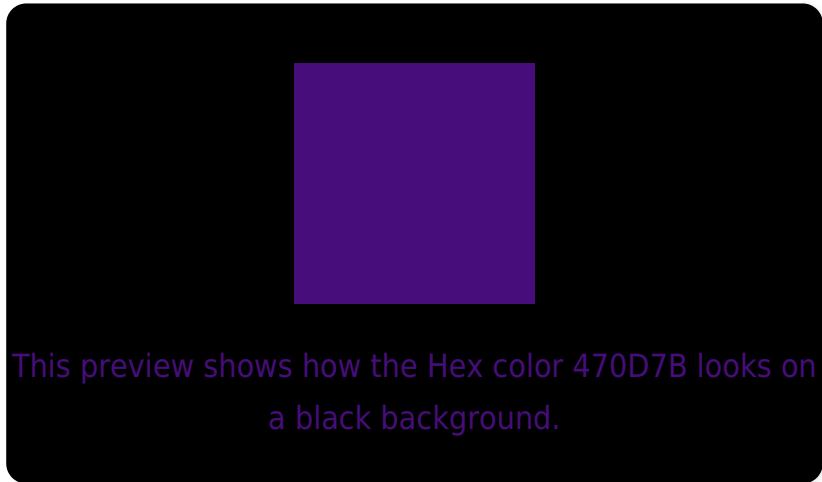
Large Text (above 18pt) WCAG AA ✓ Pass

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

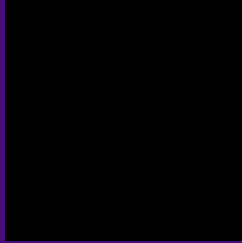
Any Text WCAG AA × Fail

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 470D7B Background



This preview shows how black text looks on a background with the Hex color 470D7B.



This preview shows how white text looks on a background with the Hex color 470D7B.

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
470D7B

Protanopia
003167

Deuteranopia
003459



Tritanopia
373135

Trichromacy



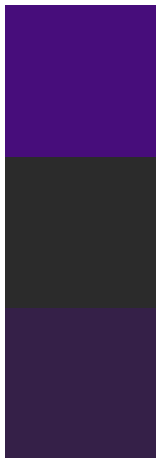
Original Color
470D7B

Protanomaly
1A246E

Deuteranomaly
1A2665

Tritanomaly
3D244E

Monochromacy



Original Color
470D7B

Achromatopsia
2B2B2B

Achromatomaly
352048

CSS Examples

Text

The CSS property to change the color of the text to Hex 470D7B 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 #470D7B looks like.

```
.text, #text, p{  
  color:#470D7B  
}
```

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 #470D7B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #470D7B
}
```

Border

The CSS property to change the border of an element to Hex 470D7B is called "border". The border property can be set on classes, ids or directly on the HTML element.

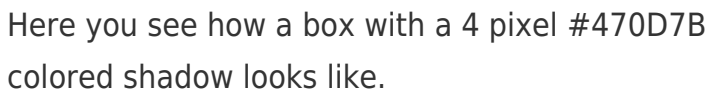
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#470D7B }
```

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

```
.border{ border-color:#470D7B }
```

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



Here you see how a box with a 4 pixel #470D7B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #470D7B; -webkit-box-shadow:4px 4px  
4px 4px #470D7B; box-shadow:4px 4px 4px  
4px #470D7B }
```

Background

The CSS property to change the background color of an element to Hex 470D7B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#470D7B }
```

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

```
.background{ background-color:#470D7B }
```

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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