

Converting Colors

Hex(470AAA)

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

Hex(470AAA)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(470AAA)

Conversions

Conversions Part 1

Format	Color
Hex	470AAA
RGB	71, 10, 170
RGB Percent	28%, 4%, 67%
CMY	0.7216, 0.9608, 0.3333
CMYK	0.58, 0.94, 0.00, 0.33
HSL	263°, 89%, 35%
HSV	263°, 94%, 67%
XYZ	9.9628, 4.4590, 38.3658
YIQ	46.4790, -15.0040, 62.6920

Conversions

Conversions Part 2

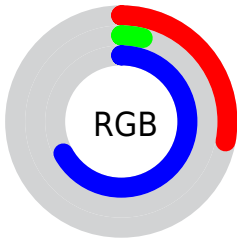
Format	Color
R_{YB}	71, 10, 170
Decimal	4655786
CIE _{Lab}	25.13, 58.45, -70.34
CIE _{LCh}	25, 91.454, 309.724
Yxy	4.4590, 0.1887, 0.0845
Android (android.graphics.Color)	4282845866 (0xFF470AAA)
YUV	46.4790, 60.8959, 21.5049
Hunter-Lab	21.1162, 47.2640, -92.9418

Details

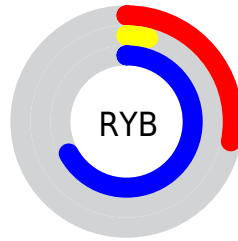
The Hex color **470AAA** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **6DAA0A**, and the grayscale version is **2E2E2E**.

A 20% lighter version of the original color is **8445E3**, and **000074** is the 20% darker color. If you saturate the color by 10%, you get **4100AA**, and if you desaturate by 10%, it is **521BAA**.

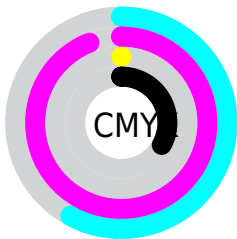
Distribution



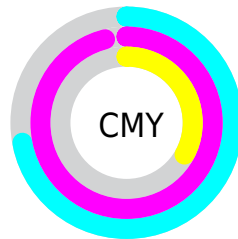
- Red (28%)
- Green (4%)
- Blue (67%)



- Red (28%)
- Yellow (4%)
- Blue (67%)



- Cyan (58%)
- Magenta (94%)
- Yellow (0%)
- Black (33%)



- Cyan (72%)
- Magenta (96%)
- Yellow (33%)

Brightness & Saturation Gradients

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

470AAA

470AAA

FFFFFF

23008F

8445E3

000074

A15FFF

00005B

BF7AFF

000742

DD95FF

00032B

FBB0FF

000115

FFC0FF

000000

FFE9FF

470AAA

470AAA

■ 4100AA

■ 521BAA

■ 5C2CAA

■ 673DAA

■ 714EAA

■ 7C5FAA

■ 8670AA

■ 9181AA

■ 9B92AA

■ A6A3AA

Harmonies

Analogous

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



0042CB



470AAA



96006D

Triad

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



470AAA



6E2200



005152

Complementary

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



470AAA



6DAA0A

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.



004F00



470AAA



354100

Square

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



470AAA



960000



004B00



005396

Rectangle

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



470AAA



A70040



004B00



005139

Sweetspot

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



470AAA



B7A0DE



0A6FAA



594A70



F0F0F0



707070

Same Dimension

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



470AAA



5500DE



950AAA



4F4C54



380094



080014

Inverse Universe

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



AA0A6D



DE0089



1FAA0A



544C51



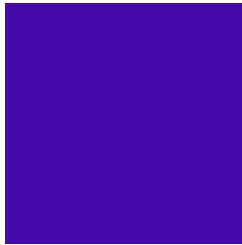
94005C



14000D

Previews

White Background



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

Color Contrast Check

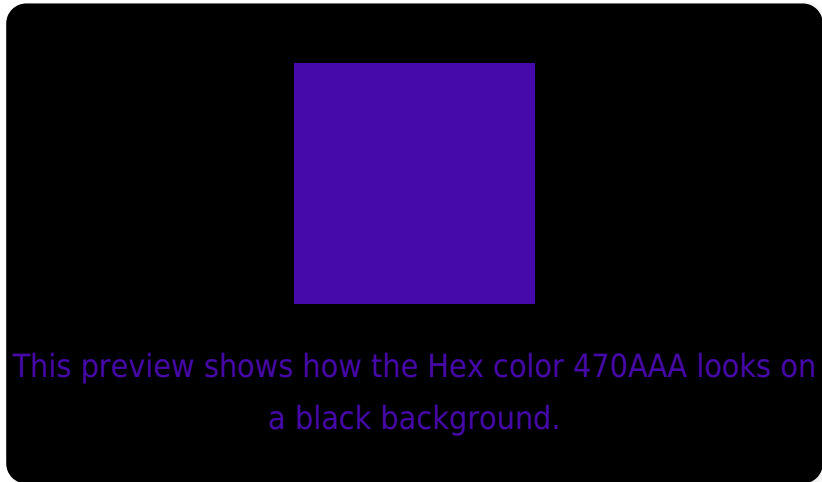
Large Text (above 18pt) WCAG AA ✓ Pass

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

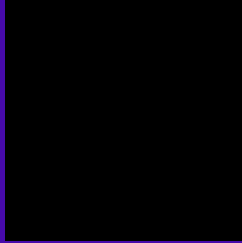
Any Text WCAG AA × Fail

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 470AAA Background



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



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

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](#).

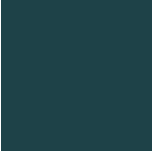
Dichromacy



Original Color
470AAA

Protanopia
003B7C

Deuteranopia
003F6A



Tritanopia
1E4248

Trichromacy



Original Color
470AAA

Protanomaly
1A298D

Deuteranomaly
1A2C81

Tritanomaly
2D2E6C

Monochromacy



Original Color
470AAA

Achromatopsia
2E2E2E

Achromatomaly
37215B

CSS Examples

Text

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

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

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 #470AAA colored shadow looks like.

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

Border

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

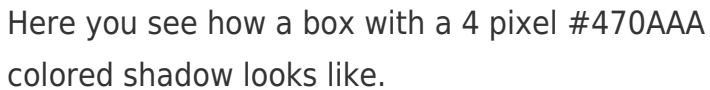
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

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

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

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

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



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

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

Background

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

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

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

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

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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