

Converting Colors

Hex(420099)

Have a look what the booklet for
Hex(420099) contains.

Hex(420099)	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(420099)

Conversions

Conversions Part 1

Format	Color
Hex	420099
RGB	66, 0, 153
RGB Percent	26%, 0%, 60%
CMY	0.7412, 1.0000, 0.4000
CMYK	0.57, 1.00, 0.00, 0.40
HSL	266°, 100%, 30%
HSV	266°, 100%, 60%
XYZ	7.9965, 3.4582, 30.3830
YIQ	37.1760, -9.7770, 61.5750

Conversions

Conversions Part 2

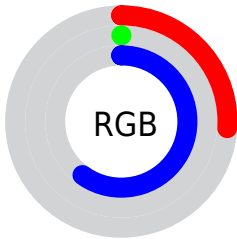
Format	Color
RYB	66, 0, 153
Decimal	4325529
CIELab	21.79, 56.19, -65.53
CIELCh	22, 86.326, 310.611
Yxy	3.4582, 0.1911, 0.0827
Android (android.graphics.Color)	4282515609 (0xFF420099)
YUV	37.1760, 57.1012, 25.2786
Hunter-Lab	18.5961, 44.2137, -83.8529

Details

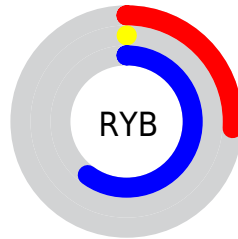
The Hex color **420099** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **579900**, and the grayscale version is **252525**.

A 20% lighter version of the original color is **7D3ED1**, and **000064** is the 20% darker color. If you saturate the color by 10%, you get **420099**, and if you desaturate by 10%, it is **4B0F99**.

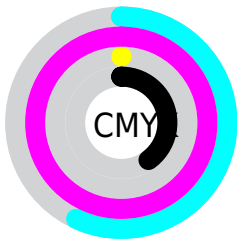
Distribution



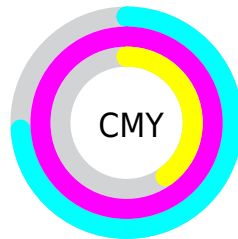
- Red (26%)
- Green (0%)
- Blue (60%)



- Red (26%)
- Yellow (0%)
- Blue (60%)



- Cyan (57%)
- Magenta (100%)
- Yellow (0%)
- Black (40%)



- Cyan (74%)
- Magenta (100%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 420099 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 420099 by changing the saturation by 10% instead.

 420099

 420099

FFFEFF

 1F007E

 7D3ED1

 000064

 9A58ED

 00004B

 B772FF

 000434

 D58DFF

 00021E

 F3A8FF

 000000

 FFC4FF

 FFE1FF

 420099

 4B0F99

 531F99

 5C2E99

 653D99

 6D4D99

 765C99

 7F6B99

 887A99

 908A99

Harmonies

Analogous

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



003AB8



420099



890060

Triad

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



420099



611E00



00494B

Complementary

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



420099



579900

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.



004700



420099



2C3900

Square

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



420099



870000



004300



004A89

Rectangle

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



420099



970037



004300



004834

Sweetspot

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



420099



A58BC7



005999



4F4063



E3E3E3



636363

Same Dimension

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



420099



5600C7



8C0099



48454D



3C008C



05000D

Inverse Universe

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



990057



C70071



0D9900



4D4549



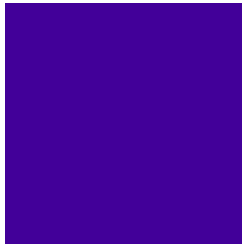
8C0050



0D0007

Previews

White Background



This preview shows how the Hex color 420099 looks on a white background.

Color Contrast Check

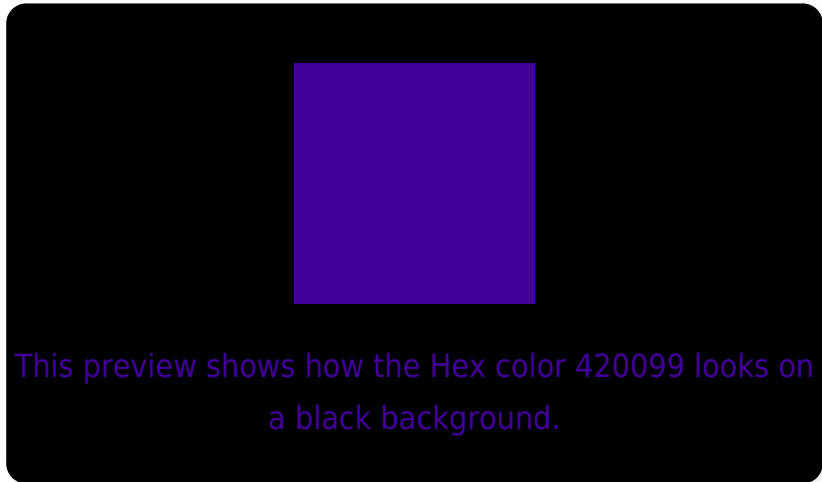
Large Text (above 18pt) WCAG AA ✓ Pass

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

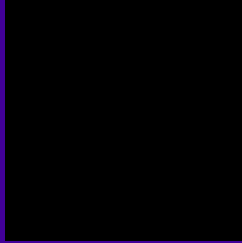
Any Text WCAG AA × Fail

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 420099 Background



This preview shows how black text looks on a background with the Hex color 420099.



This preview shows how white text looks on a background with the Hex color 420099.

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
420099

Protanopia
003670

Deuteranopia
003960

Trichromacy



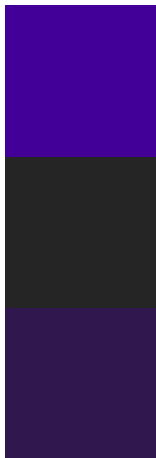
Original Color
420099

Protanomaly
18227F

Deuteranomaly
182475

Tritanomaly
2C2660

Monochromacy



Original Color
420099

Achromatopsia
252525

Achromatomaly
30184F

CSS Examples

Text

The CSS property to change the color of the text to Hex 420099 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 #420099 looks like.

```
.text, #text, p{  
    color:#420099  
}
```

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 #420099 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #420099
}
```

Border

The CSS property to change the border of an element to Hex 420099 is called "border". The border property can be set on classes, ids or directly on the HTML element.

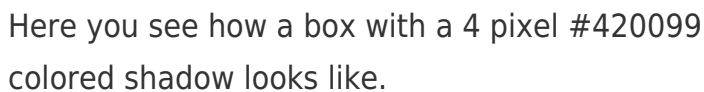
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#420099 }
```

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

```
.border{ border-color:#420099 }
```

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



Here you see how a box with a 4 pixel #420099 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #420099; -webkit-box-shadow:4px 4px  
4px 4px #420099; box-shadow:4px 4px 4px  
4px #420099 }
```

Background

The CSS property to change the background color of an element to Hex 420099 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#420099 }
```

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

```
.background{ background-color:#420099 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor