

# Converting Colors

Hex(420794)

Have a look what the booklet for  
Hex(420794) contains.

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# Color

**Hex(420794)**

# Conversions

## Conversions Part 1

Format	Color
Hex	420794
RGB	66, 7, 148
RGB Percent	26%, 3%, 58%
CMY	0.7412, 0.9725, 0.4196
CMYK	0.55, 0.95, 0.00, 0.42
HSL	265°, 91%, 30%
HSV	265°, 95%, 58%
XYZ	7.6680, 3.4483, 28.2784
YIQ	40.7150, -10.0970, 56.3590

# Conversions

## Conversions Part 2

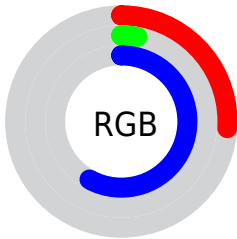
<b>Format</b>	<b>Color</b>
<b>RYB</b>	66, 7, 148
Decimal	4327316
CIELab	21.76, 53.30, -62.51
CIELCh	22, 82.148, 310.457
Yxy	3.4483, 0.1946, 0.0875
Android (android.graphics.Color)	4282517396 (0xFF420794)
YUV	40.7150, 52.8915, 22.1749
Hunter-Lab	18.5697, 41.2117, -77.2897




# Details

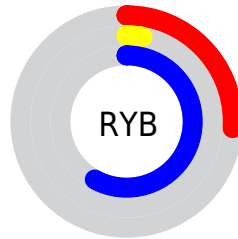
The Hex color **420794** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **599407**, and the grayscale version is **282828**.




A 20% lighter version of the original color is **7C41CB**, and **000060** is the 20% darker color. If you saturate the color by 10%, you get **3E0094**, and if you desaturate by 10%, it is **4B1694**.

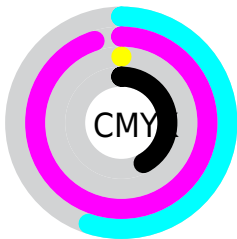
# Distribution







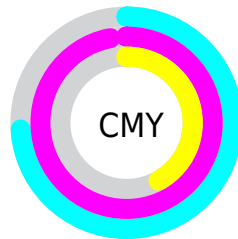
-  Red (26%)
-  Green (3%)
-  Blue (58%)






-  Red (26%)
-  Yellow (3%)
-  Blue (58%)



-  Cyan (55%)
-  Magenta (95%)
-  Yellow (0%)
-  Black (42%)



-  Cyan (74%)
-  Magenta (97%)
-  Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 420794 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 420794 by changing the saturation by 10% instead.



420794

420794

FFFFFF

210079

7C41CB

000060

995AE8

000047

B674FF

000430

D38FFF

00011A

F1AAFF

000000

FFC6FF

FFE3FF

420794

420794

■ 3E0094

■ 4B1694

■ 532594

■ 5C3394

■ 644294

■ 6D5194

■ 766094

■ 7E6F94

■ 877D94

■ 8F8C94

# Harmonies

## Analogous

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



0039B1



420794



85005E

# Triad

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



420794



601F00



004849

# Complementary

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



420794



599407

# 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.



004602



420794



2D3900

# Square

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



420794



830000



004200



004984

# Rectangle

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



420794



930037



004200



004734



# Sweetspot

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



420794



9F88BF



075994



4D3F61



E0E0E0



616161



# Same Dimension

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



420794



5000BF



880794



46434A



3A008A



04000A



# Inverse Universe

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



940759



BF006F



139407



4A4347



8A0050

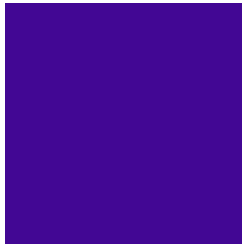


0A0006



# Previews

## White Background



This preview shows how the Hex color 420794 looks on a white background.

## Color Contrast Check

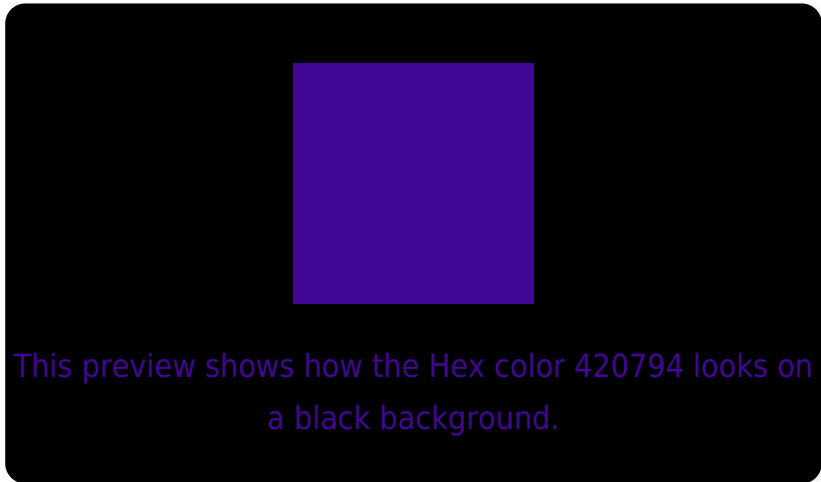
Large Text (above 18pt) WCAG AA ✓ Pass

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

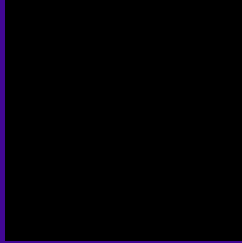
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 420794 Background



This preview shows how black text looks on a background with the Hex color 420794.



This preview shows how white text looks on a background with the Hex color 420794.

# 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**  
420794

**Protanopia**  
00356E

**Deuteranopia**  
00385E



**Tritanopia**  
243A3E

# Trichromacy



**Original Color**  
420794

**Protanomaly**  
18247C

**Deuteranomaly**  
182672

**Tritanomaly**  
2F275D

# Monochromacy



**Original Color**  
420794

**Achromatopsia**  
292929

**Achromatomaly**  
321D50

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 420794 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 #420794 looks like.

```
.text, #text, p{  
    color:#420794  
}
```

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 #420794 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #420794
}
```

## Border

The CSS property to change the border of an element to Hex 420794 is called "border". The border property can be set on classes, ids or directly on the HTML element.

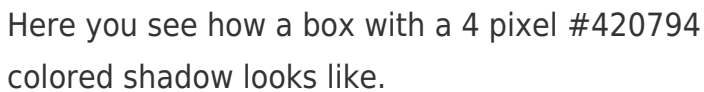
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#420794 }
```

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

```
.border{ border-color:#420794 }
```

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



Here you see how a box with a 4 pixel #420794 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #420794; -webkit-box-shadow:4px 4px  
4px 4px #420794; box-shadow:4px 4px 4px  
4px #420794 }
```

# Background

The CSS property to change the background color of an element to Hex 420794 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#420794 }
```

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

```
.background{ background-color:#420794 }
```

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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