

# Converting Colors

Hex(421C9E)

Have a look what the booklet for  
Hex(421C9E) contains.

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# Color

**Hex(421C9E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	421C9E
RGB	66, 28, 158
RGB Percent	26%, 11%, 62%
CMY	0.7412, 0.8902, 0.3804
CMYK	0.58, 0.82, 0.00, 0.38
HSL	258°, 70%, 36%
HSV	258°, 82%, 62%
XYZ	8.8336, 4.4574, 32.7425
YIQ	54.1820, -19.0820, 48.4860

# Conversions

## Conversions Part 2

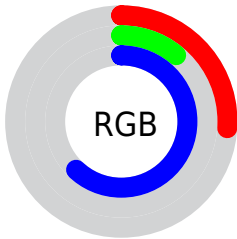
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	66, 28, 158
Decimal	4332702
CIE Lab	25.13, 49.20, -63.08
CIE LCh	25, 79.999, 307.954
Yxy	4.4574, 0.1919, 0.0968
Android (android.graphics.Color)	4282522782 (0xFF421C9E)
YUV	54.1820, 51.1823, 10.3644
Hunter-Lab	21.1125, 37.7384, -77.1717

# Details

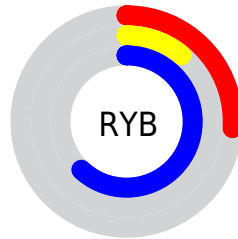
The Hex color **421C9E** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **789E1C**, and the grayscale version is **363636**.

A 20% lighter version of the original color is **7D4ED6**, and **000069** is the 20% darker color. If you saturate the color by 10%, you get **370C9E**, and if you desaturate by 10%, it is **4D2C9E**.

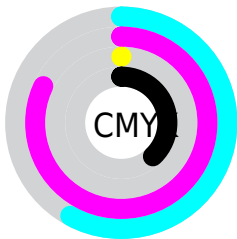
# Distribution



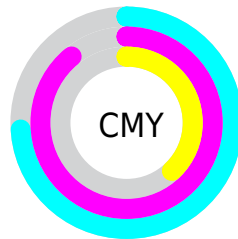
- Red (26%)
- Green (11%)
- Blue (62%)



- Red (26%)
- Yellow (11%)
- Blue (62%)



- Cyan (58%)
- Magenta (82%)
- Yellow (0%)
- Black (38%)



- Cyan (74%)
- Magenta (89%)
- Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 421C9E 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 421C9E by changing the saturation by 10% instead.





421C9E



421C9E

FFFFFF



200083



7D4ED6



000069



9967F3



000050



B781FF



000538



D49CFF



000222



F2B8FF



000007



FFD4FF



000000



FFF1FF



421C9E



421C9E

■ 370C9E

■ 4D2C9E

■ 2E009E

■ 583C9E

■ 644B9E

■ 6F5B9E

■ 7A6B9E

■ 857B9E

■ 908B9E

■ 9B9A9E

■ A7AA9E

# Harmonies

## Analogous

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



0041B8



421C9E



8A006B

# Triad

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



421C9E



6C2400



00504B

# Complementary

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



421C9E



789E1C

# 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.



004E04



421C9E



3C3F00

# Square

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



421C9E



8F0000



004A00



005187

# Rectangle

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



421C9E



9A0043



004A00



004F36



# Sweetspot

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



421C9E



AA9BCF



1C799E



524969



E8E8E8



696969



# Same Dimension

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



421C9E



3E02CF



821C9E



49474F



2A008F



04000F



# Inverse Universe

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



9E1C78



CF0293



389E1C



4F474D



8F0065

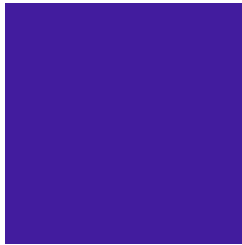


0F000B



# Previews

## White Background



This preview shows how the Hex color 421C9E looks on a white background.

## Color Contrast Check

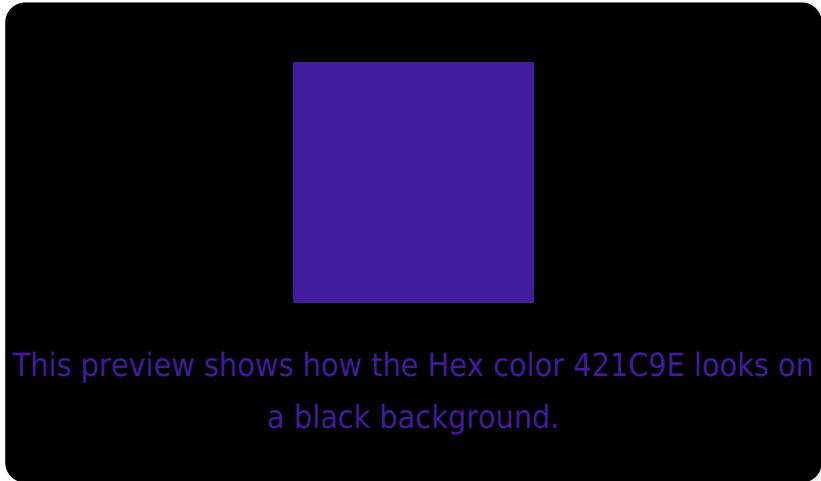
Large Text (above 18pt) WCAG AA ✓ Pass

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

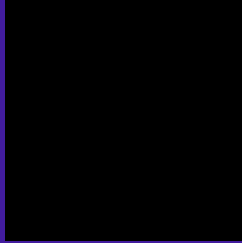
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 421C9E Background



This preview shows how black text looks on a background with the Hex color 421C9E.



This preview shows how white text looks on a background with the Hex color 421C9E.

# 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**  
421C9E

**Protanopia**  
003A7B

**Deuteranopia**  
003E69



**Tritanopia**  
1E4147

# Trichromacy



**Original Color**  
421C9E

**Protanomaly**  
182F88

**Deuteranomaly**  
18327C

**Tritanomaly**  
2B3467

# Monochromacy



**Original Color**  
421C9E

**Achromatopsia**  
363636

**Achromatomaly**  
3A2D5C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 421C9E 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 #421C9E looks like.

```
.text, #text, p{  
    color:#421C9E  
}
```

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 #421C9E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #421C9E
}
```

## Border

The CSS property to change the border of an element to Hex 421C9E is called "border". The border property can be set on classes, ids or directly on the HTML element.

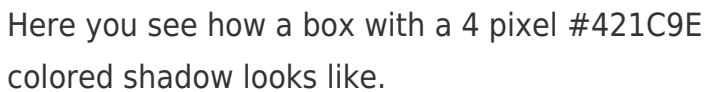
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#421C9E }
```

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

```
.border{ border-color:#421C9E }
```

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



Here you see how a box with a 4 pixel #421C9E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #421C9E; -webkit-box-shadow:4px 4px  
4px 4px #421C9E; box-shadow:4px 4px 4px  
4px #421C9E }
```

# Background

The CSS property to change the background color of an element to Hex 421C9E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#421C9E }
```

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

```
.background{ background-color:#421C9E }
```

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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