

# Converting Colors

Hex(461C7A)

Have a look what the booklet for  
Hex(461C7A) contains.

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# Color

**Hex(461C7A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	461C7A
RGB	70, 28, 122
RGB Percent	27%, 11%, 48%
CMY	0.7255, 0.8902, 0.5216
CMYK	0.43, 0.77, 0.00, 0.52
HSL	267°, 63%, 29%
HSV	267°, 77%, 48%
XYZ	6.4539, 3.5377, 18.7550
YIQ	51.2740, -5.1420, 38.1380

# Conversions

## Conversions Part 2

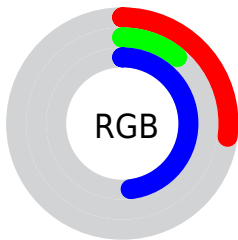
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	70, 28, 122
Decimal	4594810
CIE <sub>Lab</sub>	22.08, 39.85, -45.62
CIE <sub>LCh</sub>	22, 60.574, 311.132
Yxy	3.5377, 0.2245, 0.1231
Android (android.graphics.Color)	4282784890 (0xFF461C7A)
<b>YUV</b>	51.2740, 34.8679, 16.4227
Hunter-Lab	18.8089, 28.3332, -45.9541

# Details

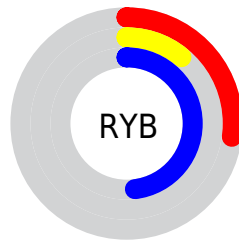
The Hex color **461C7A** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **507A1C**, and the grayscale version is **333333**.

A 20% lighter version of the original color is **7B4CAF**, and **120048** is the 20% darker color. If you saturate the color by 10%, you get **3F107A**, and if you desaturate by 10%, it is **4D287A**.

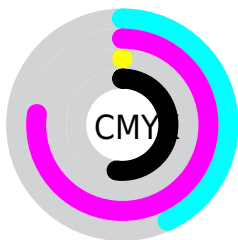
# Distribution



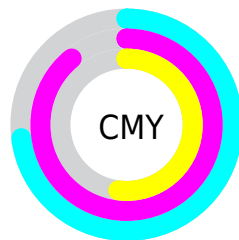
- Red (27%)
- Green (11%)
- Blue (48%)



- Red (27%)
- Yellow (11%)
- Blue (48%)



- Cyan (43%)
- Magenta (77%)
- Yellow (0%)
- Black (52%)



- Cyan (73%)
- Magenta (89%)
- Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 461C7A 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 461C7A by changing the saturation by 10% instead.



461C7A

461C7A

FFFFFF

2B0261

7B4CAF

120048

9765CB

000031

B27FE7

00011B

CF99FF

000000

ECB5FF

FFD1FF

FFEDFF

461C7A

461C7A

■ 3F107A

■ 4D287A

■ 39047A

■ 53347A

■ 37007A

■ 5A417A

■ 614D7A

■ 68597A

■ 6E657A

■ 75717A

■ 7C7E7A

■ 838A7A

# Harmonies

## Analogous

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



00368F



461C7A



730053

# Triad

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



461C7A



582700



004645

# Complementary

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



461C7A



507A1C

# 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.



004415



461C7A



333900

# Square

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



461C7A



740000



004100



004670

# Rectangle

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



461C7A



7E0035



004100



004535



# Sweetspot

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



461C7A



8A7A9E



1C517A



43394F



CFCFCF



4F4F4F



# Same Dimension

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



461C7A



4E0D9E



741C7A



3A373D



38007D



7100FC



# Inverse Universe

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



7A1C50



9E0D5D



227A1C



3D373A



7D0045

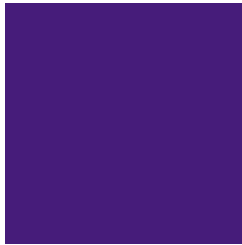


FC008C



# Previews

## White Background



This preview shows how the Hex color 461C7A looks on a white background.

## Color Contrast Check

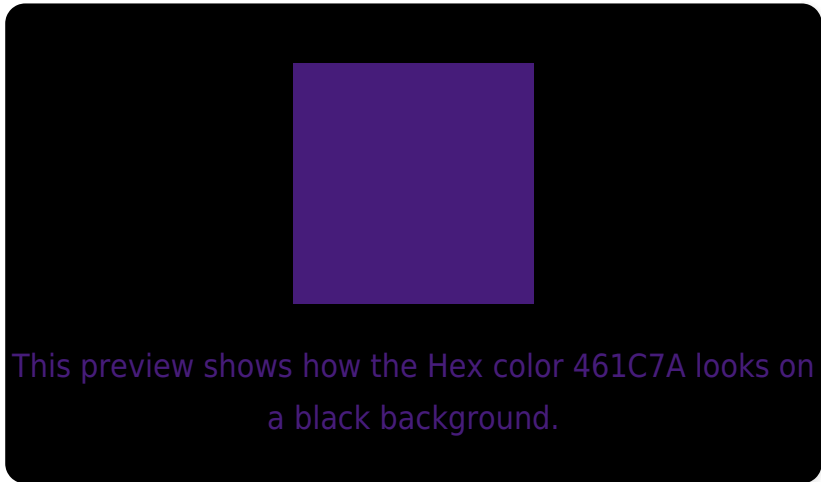
Large Text (above 18pt) WCAG AA ✓ Pass

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

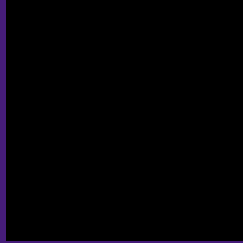
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 461C7A Background



This preview shows how black text looks on a background with the Hex color 461C7A.



This preview shows how white text looks on a background with the Hex color 461C7A.

# 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**  
461C7A

**Protanopia**  
00346E

**Deuteranopia**  
00375F



**Tritanopia**  
373539

# Trichromacy



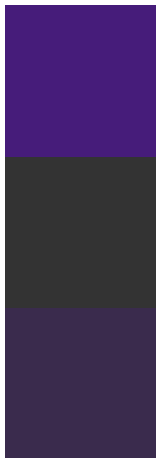
**Original Color**  
461C7A

**Protanomaly**  
192B72

**Deuteranomaly**  
192D69

**Tritanomaly**  
3C2C51

# Monochromacy



**Original Color**  
461C7A

**Achromatopsia**  
333333

**Achromatomaly**  
3A2B4D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 461C7A 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 #461C7A looks like.

```
.text, #text, p{  
    color:#461C7A  
}
```

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 #461C7A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #461C7A
}
```

## Border

The CSS property to change the border of an element to Hex 461C7A 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
#461C7A }
```

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

```
.border{ border-color:#461C7A }
```

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

Here you see how a box with a 4 pixel #461C7A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #461C7A; -webkit-box-shadow:4px 4px  
4px 4px #461C7A; box-shadow:4px 4px 4px  
4px #461C7A }
```

# Background

The CSS property to change the background color of an element to Hex 461C7A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#461C7A }
```

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

```
.background{ background-color:#461C7A }
```

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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