

# Converting Colors

Hex(C417A1)

Have a look what the booklet for  
Hex(C417A1) contains.

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# Color

**Hex(C417A1)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C417A1
RGB	196, 23, 161
RGB Percent	77%, 9%, 63%
CMY	0.2314, 0.9098, 0.3686
CMYK	0.00, 0.88, 0.18, 0.23
HSL	312°, 79%, 43%
HSV	312°, 88%, 77%
XYZ	29.5044, 14.9218, 35.0433
YIQ	90.4590, 58.8100, 79.5940

# Conversions

## Conversions Part 2

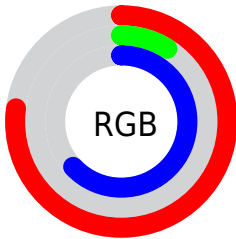
<b>Format</b>	<b>Color</b>
<b>RYB</b>	196, 23, 161
Decimal	12851105
CIELab	45.53, 73.35, -30.98
CIELCh	46, 79.620, 337.102
Yxy	14.9218, 0.3713, 0.1878
Android (android.graphics.Color)	4291041185 (0xFFC417A1)
YUV	90.4590, 34.7767, 92.5595
Hunter-Lab	38.6287, 68.7370, -26.7469

# Details

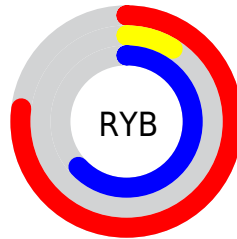
The Hex color **C417A1** is a dark color, and the websafe version is hex **CC0099**. The color can be described as dark washed rose. A complement of this color would be **17C43A**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **FF5FD8**, and **8A006D** is the 20% darker color. If you saturate the color by 10%, you get **C4039D**, and if you desaturate by 10%, it is **C42BA5**.

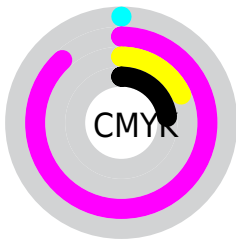
# Distribution



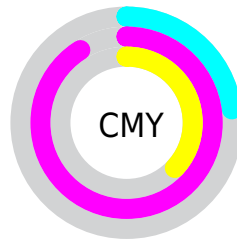
- Red (77%)
- Green (9%)
- Blue (63%)



- Red (77%)
- Yellow (9%)
- Blue (63%)



- Cyan (0%)
- Magenta (88%)
- Yellow (18%)
- Black (23%)



- Cyan (23%)
- Magenta (91%)
- Yellow (37%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C417A1 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 C417A1 by changing the saturation by 10% instead.



 C417A1

 C417A1

FFFFFF

 A70087

 FF5FD8

 8A006D

 FF7DF5

 6D0054

 FF9AFF

 51003D

 FFB8FF

 360026

 FFD5FF

 13000F

 FFF3FF

 000000

 C417A1

 C417A1

 C4039D

 C42BA5

 C4009C

 C43EA9

 C452AD

 C465B1

 C479B5

 C48DB9

 C4A0BD

 C4B4C1

 C4C7C5

# Harmonies

## Analogous

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



7B50D8



C417A1



DC005F

# Triad

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



C417A1



766E00



0086BB

# Complementary

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



C417A1



17C43A

# 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.



00877B



C417A1



247D00

# Square

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



C417A1



AB5400



008433



0081E8

# Rectangle

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



C417A1



D70734



008433



0087A7



# Sweetspot

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



C417A1



FFBDF2



3A17C4



805878



000000



808080



# Same Dimension

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



C417A1



FF00CB



C4174B



61575F



A10080



21001A



# Inverse Universe

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



C417A1



FF00CB



17C490



61575F



A10080



21001A



# Previews

## White Background



This preview shows how the Hex color C417A1 looks on a white background.

## Color Contrast Check

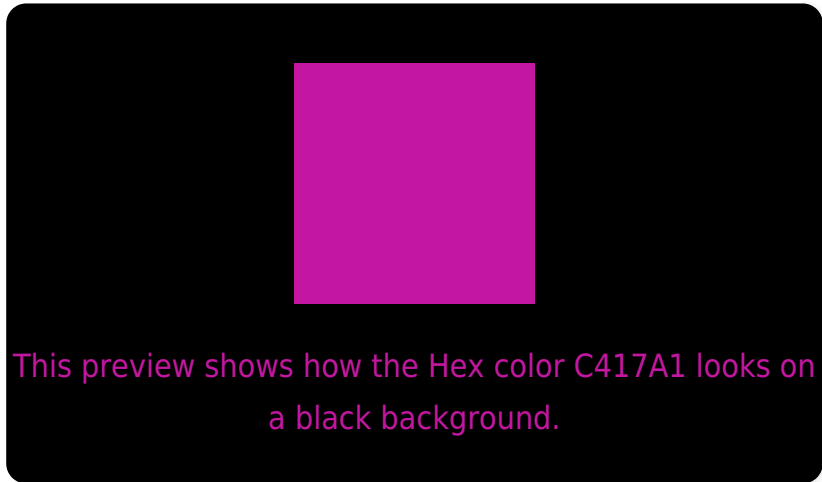
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

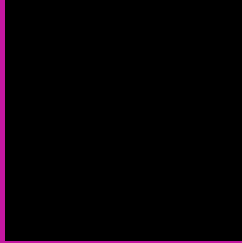
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex C417A1 Background



This preview shows how black text looks on a background with the Hex color C417A1.

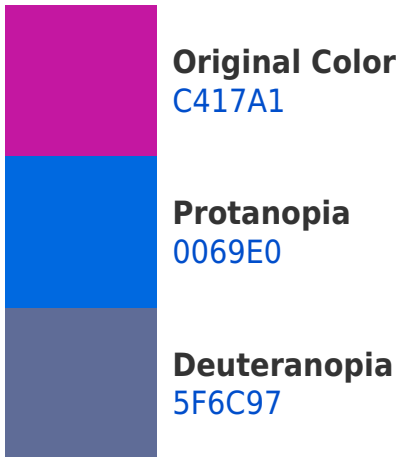


This preview shows how white text looks on a background with the Hex color C417A1.

# 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





# Trichromacy



**Original Color**  
C417A1



**Protanomaly**  
474BC9



**Deuteranomaly**  
844D9B



**Tritanomaly**  
BF3267

# Monochromacy



**Original Color**  
C417A1



**Achromatopsia**  
5A5A5A



**Achromatomaly**  
814274

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C417A1 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 #C417A1 looks like.

```
.text, #text, p{  
    color:#C417A1  
}
```

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 #C417A1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C417A1
}
```

## Border

The CSS property to change the border of an element to Hex C417A1 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
#C417A1 }
```

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

```
.border{ border-color:#C417A1 }
```

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

Here you see how a box with a 4 pixel #C417A1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C417A1; -webkit-box-shadow:4px 4px  
4px 4px #C417A1; box-shadow:4px 4px 4px  
4px #C417A1 }
```

# Background

The CSS property to change the background color of an element to Hex C417A1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C417A1 }
```

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

```
.background{ background-color:#C417A1 }
```

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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