

# Converting Colors

Hex(C407C3)

Have a look what the booklet for  
Hex(C407C3) contains.

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**Color**

**Hex(C407C3)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C407C3
RGB	196, 7, 195
RGB Percent	77%, 3%, 76%
CMY	0.2314, 0.9725, 0.2353
CMYK	0.00, 0.96, 0.01, 0.23
HSL	300°, 93%, 40%
HSV	300°, 96%, 77%
XYZ	32.6913, 15.8279, 52.9618
YIQ	84.9430, 52.2960, 98.5360

# Conversions

## Conversions Part 2

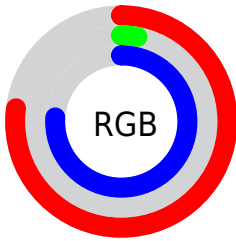
<b>Format</b>	<b>Color</b>
<b>RYB</b>	196, 7, 195
Decimal	12847043
CIELab	46.75, 79.86, -49.10
CIElCh	47, 93.746, 328.413
Yxy	15.8279, 0.3221, 0.1560
Android (android.graphics.Color)	4291037123 (0xFFC407C3)
YUV	84.9430, 54.2581, 97.3970
Hunter-Lab	39.7842, 77.0535, -51.0794

# Details

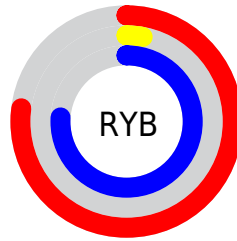
The Hex color **C407C3** is a dark color, and the websafe version is hex **CC00CC**. The color can be described as middle washed magenta. A complement of this color would be **07C408**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **FF5CFC**, and **89008C** is the 20% darker color. If you saturate the color by 10%, you get **C400C3**, and if you desaturate by 10%, it is **C41BC3**.

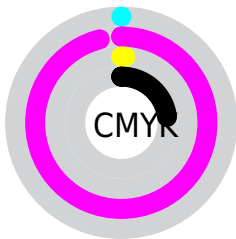
# Distribution



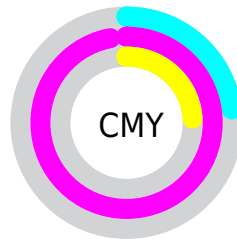
- Red (77%)
- Green (3%)
- Blue (76%)



- Red (77%)
- Yellow (3%)
- Blue (76%)



- Cyan (0%)
- Magenta (96%)
- Yellow (1%)
- Black (23%)



- Cyan (23%)
- Magenta (97%)
- Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C407C3 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 C407C3 by changing the saturation by 10% instead.



 C407C3

 C407C3

FFFFFF

 A600A7

 FF5CFC

 89008C

 FF7BFF

 6D0072

 FF99FF

 500059

 FFB6FF

 350041

 FFD4FF

 15002A

 FFF2FF

 000113

 000000

 C407C3

 C407C3

 C400C3

 C41BC3

 C42EC3

 C442C3

 C455C3

 C469C4

 C47DC4

 C490C4

 C4A4C4

 C4B7C4

# Harmonies

## Analogous

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



445BFC



C407C3



EE0077

# Triad

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



C407C3



8B6B00



008DB9

# Complementary

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



C407C3



07C408

# 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.



008C68



C407C3



397F00

# Square

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



C407C3



C54300



008801



008AF7

# Rectangle

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



C407C3



F00044



008801



008D9F



# Sweetspot

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



C407C3



FFB5FF



0707C4



80537F



000000



808080



# Same Dimension

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



C407C3



FF00FE



C40766



615761



A100A0



210021



# Inverse Universe

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



C407C3



FF00FE



07C466



615761



A100A0



210021



# Previews

## White Background



This preview shows how the Hex color C407C3 looks on a white background.

## Color Contrast Check

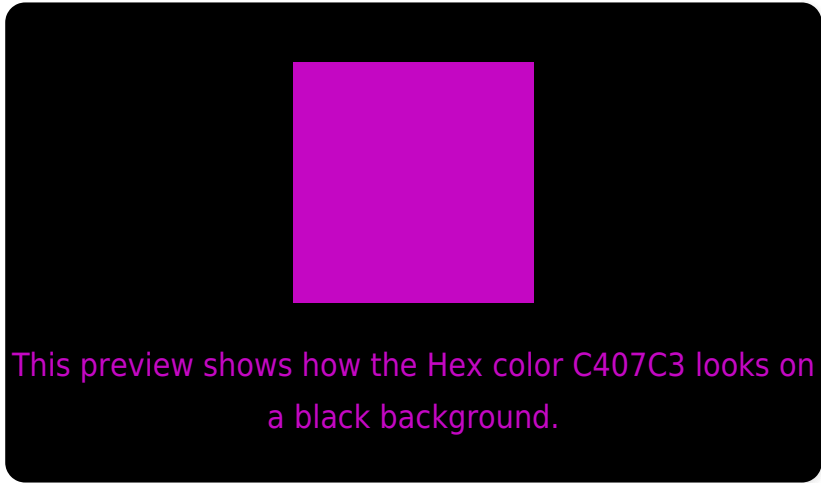
Large Text (above 18pt) WCAG AA ✓ Pass

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

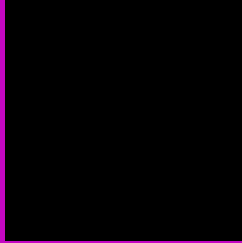
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex C407C3 Background



This preview shows how black text looks on a background with the Hex color C407C3.

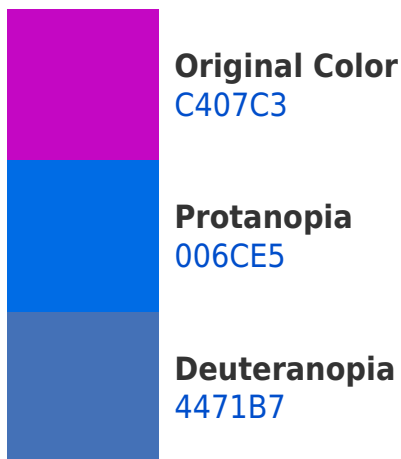



This preview shows how white text looks on a background with the Hex color C407C3.

# 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





**Tritanopia**  
B84D52

# Trichromacy



**Original Color**  
C407C3



**Protanomaly**  
4747D9



**Deuteranomaly**  
734ABB



**Tritanomaly**  
BC347B

# Monochromacy



**Original Color**  
C407C3



**Achromatopsia**  
555555



**Achromatomaly**  
7D397D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C407C3 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 #C407C3 looks like.

```
.text, #text, p{  
    color:#C407C3  
}
```

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 #C407C3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C407C3
}
```

## Border

The CSS property to change the border of an element to Hex C407C3 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
#C407C3 }
```

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

```
.border{ border-color:#C407C3 }
```

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

Here you see how a box with a 4 pixel #C407C3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C407C3; -webkit-box-shadow:4px 4px  
4px 4px #C407C3; box-shadow:4px 4px 4px  
4px #C407C3 }
```

# Background

The CSS property to change the background color of an element to Hex C407C3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C407C3 }
```

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

```
.background{ background-color:#C407C3 }
```

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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