

# Converting Colors

Hex(C70EA6)

Have a look what the booklet for  
Hex(C70EA6) contains.

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**Color**

**Hex(C70EA6)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C70EA6
RGB	199, 14, 166
RGB Percent	78%, 5%, 65%
CMY	0.2196, 0.9451, 0.3490
CMYK	0.00, 0.93, 0.17, 0.22
HSL	311°, 87%, 42%
HSV	311°, 93%, 78%
XYZ	30.5932, 15.2094, 37.3997
YIQ	86.6430, 61.4680, 86.4920

# Conversions

## Conversions Part 2

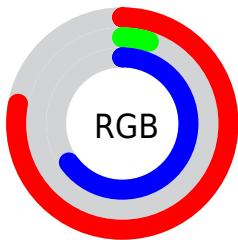
<b>Format</b>	<b>Color</b>
<b>RYB</b>	199, 14, 166
Decimal	13045414
CIELab	45.92, 75.77, -33.31
CIELCh	46, 82.765, 336.269
Yxy	15.2094, 0.3677, 0.1828
Android (android.graphics.Color)	4291235494 (0xFFC70EA6)
YUV	86.6430, 39.1230, 98.5371
Hunter-Lab	38.9992, 71.7769, -29.5588

# Details

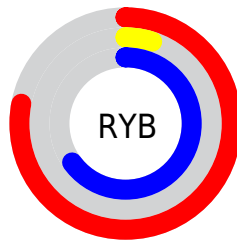
The Hex color **C70EA6** is a dark color, and the websafe version is hex **CC0099**. The color can be described as dark washed rose. A complement of this color would be **0EC72F**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **FF5DDD**, and **8C0072** is the 20% darker color. If you saturate the color by 10%, you get **C700A4**, and if you desaturate by 10%, it is **C722AA**.

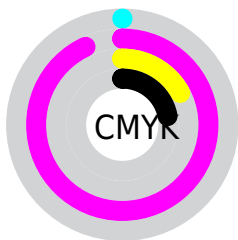
# Distribution



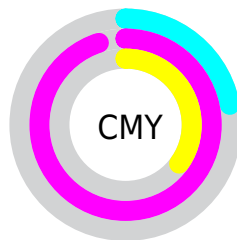
- Red (78%)
- Green (5%)
- Blue (65%)



- Red (78%)
- Yellow (5%)
- Blue (65%)



- Cyan (0%)
- Magenta (93%)
- Yellow (17%)
- Black (22%)



- Cyan (22%)
- Magenta (95%)
- Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C70EA6 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 C70EA6 by changing the saturation by 10% instead.



 C70EA6

 C70EA6

FFFFFF

 A9008B

 FF5DDD

 8C0072

 FF7BFA

 6F0059

 FF99FF

 530041

 FFB6FF

 38002A

 FFD4FF

 170014

 FFF2FF

 000000

 C70EA6

 C70EA6

 C700A4

 C722AA

 C736AD

 C74AB1

 C75EB4

 C772B8

 C785BB

 C799BF

 C7ADC2

 C7C1C6

# Harmonies

## Analogous

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



7851DE



C70EA6



E10062

# Triad

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



C70EA6



786F00



0088BE

# Complementary

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



C70EA6



0EC72F

# 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.



00887A



C70EA6



237E00

# Square

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



C70EA6



B05300



00852F



0083ED

# Rectangle

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



C70EA6



DD0035



00852F



0089A9



# Sweetspot

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



C70EA6



FFB8F2



2D0EC7



805478



000000



808080



# Same Dimension

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



C70EA6



FF00D2



C70E4C



635A62



A30086



24001D



# Inverse Universe

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



C70EA6



FF00D2



0EC789



635A62



A30086



24001D



# Previews

## White Background



This preview shows how the Hex color C70EA6 looks on a white background.

## Color Contrast Check

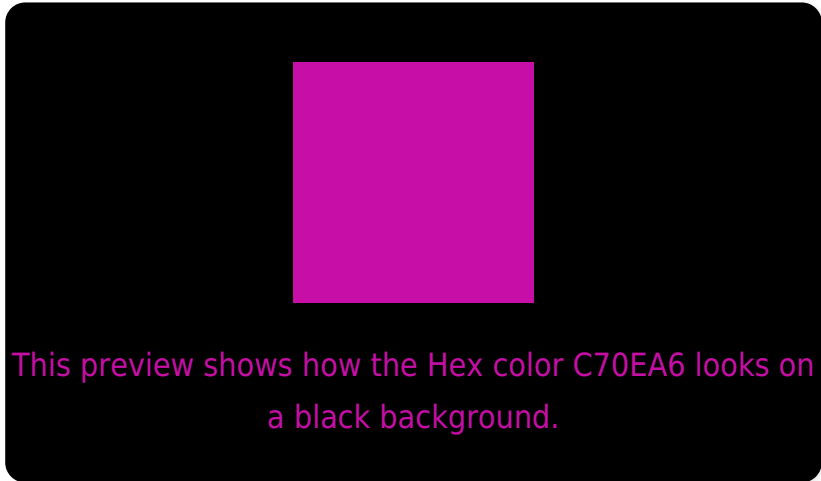
Large Text (above 18pt) WCAG AA ✓ Pass

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

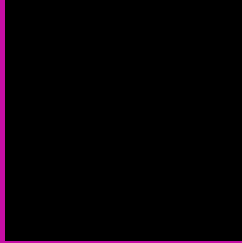
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex C70EA6 Background



This preview shows how black text looks on a background with the Hex color C70EA6.

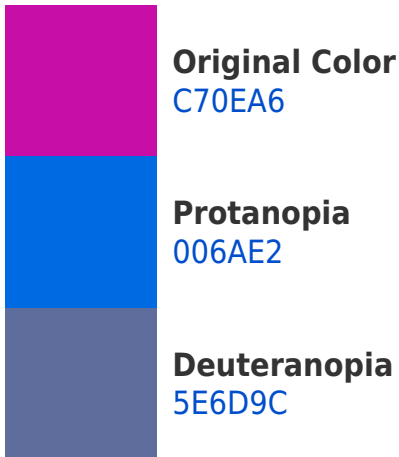



This preview shows how white text looks on a background with the Hex color C70EA6.

# 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**  
BF4246

# Trichromacy



**Original Color**  
C70EA6



**Protanomaly**  
4849CC



**Deuteranomaly**  
844AA0



**Tritanomaly**  
C22F69

# Monochromacy



**Original Color**  
C70EA6



**Achromatopsia**  
575757



**Achromatomaly**  
803C74

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C70EA6 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 #C70EA6 looks like.

```
.text, #text, p{  
    color:#C70EA6  
}
```

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 #C70EA6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C70EA6
}
```

## Border

The CSS property to change the border of an element to Hex C70EA6 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
#C70EA6 }
```

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

```
.border{ border-color:#C70EA6 }
```

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

Here you see how a box with a 4 pixel #C70EA6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C70EA6; -webkit-box-shadow:4px 4px  
4px 4px #C70EA6; box-shadow:4px 4px 4px  
4px #C70EA6 }
```

# Background

The CSS property to change the background color of an element to Hex C70EA6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C70EA6 }
```

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

```
.background{ background-color:#C70EA6 }
```

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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