

# Converting Colors

Hex(C06ECA)

Have a look what the booklet for  
Hex(C06ECA) contains.

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# Color

**Hex(C06ECA)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C06ECA
RGB	192, 110, 202
RGB Percent	75%, 43%, 79%
CMY	0.2471, 0.5686, 0.2078
CMYK	0.05, 0.46, 0.00, 0.21
HSL	293°, 46%, 61%
HSV	293°, 46%, 79%
XYZ	37.9748, 26.6226, 59.0143
YIQ	145.0060, 19.3400, 45.9960

# Conversions

## Conversions Part 2

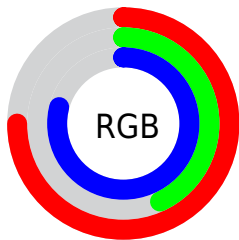
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	192, 110, 202
Decimal	12611274
CIE <sub>Lab</sub>	58.62, 46.61, -34.40
CIE <sub>LCh</sub>	59, 57.931, 323.567
Yxy	26.6226, 0.3072, 0.2154
Android (android.graphics.Color)	4290801354 (0xFFC06ECA)
YUV	145.0060, 28.0980, 41.2137
Hunter-Lab	51.5971, 41.0789, -31.6951

# Details

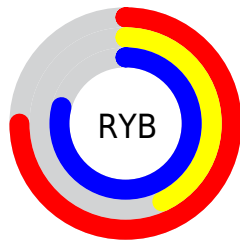
The Hex color **C06ECA** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **78CA6E**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **FAA4FF**, and **883A94** is the 20% darker color. If you saturate the color by 10%, you get **BE5ACA**, and if you desaturate by 10%, it is **C282CA**.

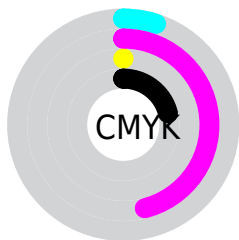
# Distribution



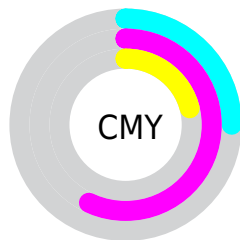
- Red (75%)
- Green (43%)
- Blue (79%)



- Red (75%)
- Yellow (43%)
- Blue (79%)



- Cyan (5%)
- Magenta (46%)
- Yellow (0%)
- Black (21%)



- Cyan (25%)
- Magenta (57%)
- Yellow (21%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C06ECA 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 C06ECA by changing the saturation by 10% instead.



 C06ECA

 C06ECA

FFFFFF

 A454AE

 FAA4FF

 883A94

 FFC0FF

 6E1F79

 FFDCFF

 540060

 FFF9FF

 3A0048

 250031

 00011B

 000000

 C06ECA

 C06ECA

 BE5ACA

 C282CA

 BC46CA

 C496CA

 B931CA

 C7ABCA

 B71DCA

 C9BFCA

 B509CA

 CBD3CA

 B400CA

 CDE7CA

 CFFBCA

 D2FFCA

 D4FFCA

# Harmonies

## Analogous

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



7A84EB



C06ECA



E35E9A

# Triad

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



C06ECA



B1871D



00A5B4

# Complementary

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



C06ECA



78CA6E

# 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.



00A580



C06ECA



809626

# Square

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



C06ECA



D5733B



3DA04D



00A1DE

# Rectangle

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



C06ECA



E95D78



3DA04D



00A5A3



# Sweetspot

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



C06ECA



FBDBFF



6E79CA



7D6A80



000000



808080



# Same Dimension

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



C06ECA



F073FF



CA6EA7



655C66



9400A6



220026



# Inverse Universe

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



CA6E78



FF7382



6ECA91



665C5D



A60012

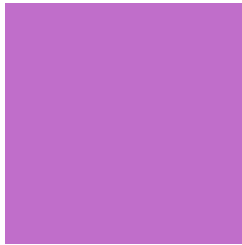


260004



# Previews

## White Background



This preview shows how the Hex color C06ECA looks on a white background.

## Color Contrast Check

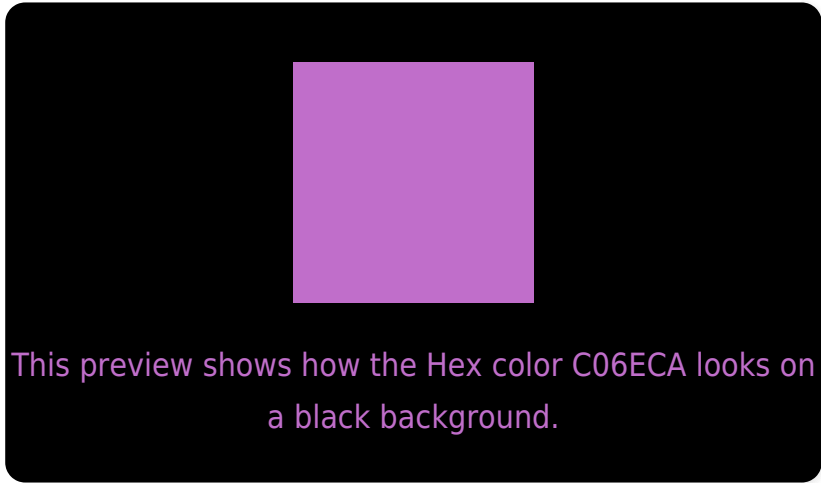
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

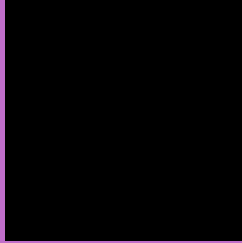
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex C06ECA Background



This preview shows how black text looks on a background with the Hex color C06ECA.

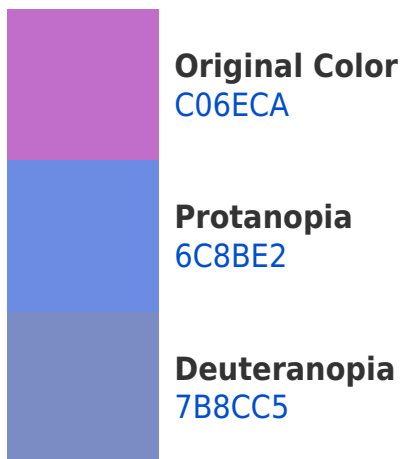


This preview shows how white text looks on a background with the Hex color C06ECA.

# 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](#).

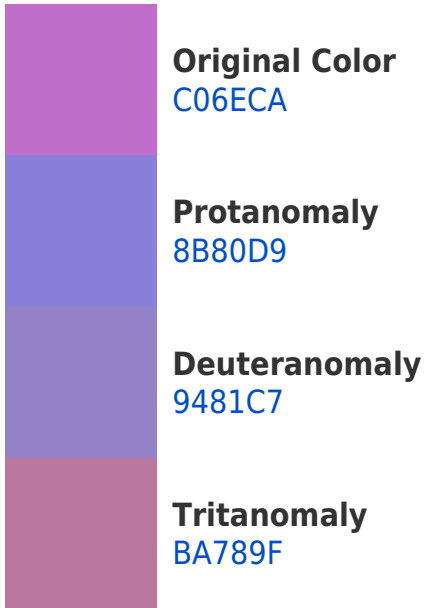
## Dichromacy



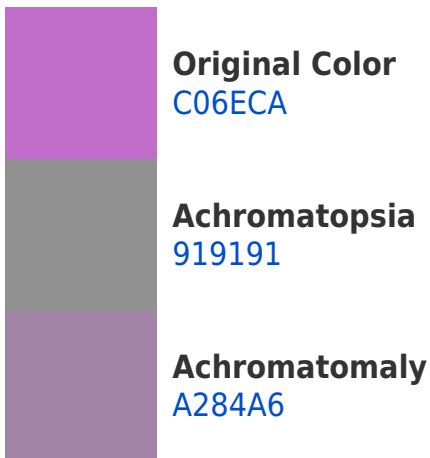


**Tritanopia**  
B77D87

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C06ECA 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 #C06ECA looks like.

```
.text, #text, p{  
    color:#C06ECA  
}
```

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 #C06ECA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C06ECA
}
```

## Border

The CSS property to change the border of an element to Hex C06ECA 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
#C06ECA }
```

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

```
.border{ border-color:#C06ECA }
```

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

Here you see how a box with a 4 pixel #C06ECA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C06ECA; -webkit-box-shadow:4px 4px  
4px 4px #C06ECA; box-shadow:4px 4px 4px  
4px #C06ECA }
```

# Background

The CSS property to change the background color of an element to Hex C06ECA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C06ECA }
```

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

```
.background{ background-color:#C06ECA }
```

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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