

# Converting Colors

Hex(C67EC8)

Have a look what the booklet for  
Hex(C67EC8) contains.

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# Color

**Hex(C67EC8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C67EC8
RGB	198, 126, 200
RGB Percent	78%, 49%, 78%
CMY	0.2235, 0.5059, 0.2157
CMYK	0.01, 0.37, 0.00, 0.22
HSL	298°, 40%, 64%
HSV	298°, 37%, 78%
XYZ	41.1749, 31.0976, 58.4759
YIQ	155.9640, 19.1580, 38.2780

# Conversions

## Conversions Part 2

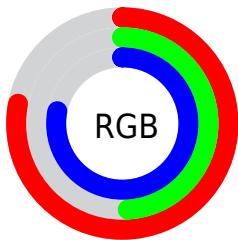
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	198, 126, 200
Decimal	13008584
CIE <sub>Lab</sub>	62.59, 39.58, -27.07
CIE <sub>LCh</sub>	63, 47.949, 325.631
Yxy	31.0976, 0.3149, 0.2378
Android (android.graphics.Color)	4291198664 (0xFFC67EC8)
YUV	155.9640, 21.7097, 36.8656
Hunter-Lab	55.7652, 34.2083, -23.1363

# Details

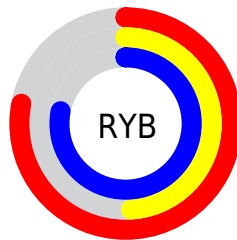
The Hex color **C67EC8** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **80C87E**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **FFB4FF**, and **8F4B92** is the 20% darker color. If you saturate the color by 10%, you get **C56AC8**, and if you desaturate by 10%, it is **C792C8**.

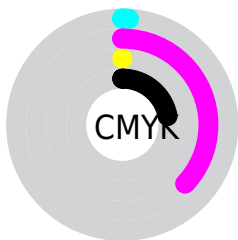
# Distribution



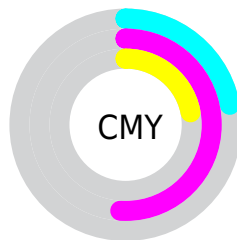
- Red (78%)
- Green (49%)
- Blue (78%)



- Red (78%)
- Yellow (49%)
- Blue (78%)



- Cyan (1%)
- Magenta (37%)
- Yellow (0%)
- Black (22%)



- Cyan (22%)
- Magenta (51%)
- Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C67EC8 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 C67EC8 by changing the saturation by 10% instead.



 C67EC8

 C67EC8

FFFFFF

 AA64AD

 FFB4FF

 8F4B92

 FFD0FF

 743278

 FFEDFF

 5A185F

 410047

 2B0030

 03001B

 000000

 C67EC8

 C67EC8

 C56AC8

 C792C8

 C556C8

 C7A6C8

 C442C8

 C8BAC8

 C42EC8

 C8CEC8

 C31AC8

 C9E2C8

 C306C8

 C9F6C8

 C300C8

 CAFFC8

 CBFFC8

# Harmonies

## Analogous

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



908FE4



C67EC8



E2739F

# Triad

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



C67EC8



B69340



00ACBB

# Complementary

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



C67EC8



80C87E

# 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.



00AC8F



C67EC8



8CA047

# Square

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



C67EC8



D58352



57A865



00A8DD

# Rectangle

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



C67EC8



E77483



57A865



00ADAD



# Sweetspot

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



C67EC8



FEE3FF



7E80C8



7F6F80



000000



808080



# Same Dimension

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



C67EC8



FC8FFF



C87EA5



635A63



9F00A3



230024



# Inverse Universe

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



C87E80



FF8F92



7EC8A1



635A5A



A30004



240001



# Previews

## White Background



This preview shows how the Hex color C67EC8 looks on a white background.

## Color Contrast Check

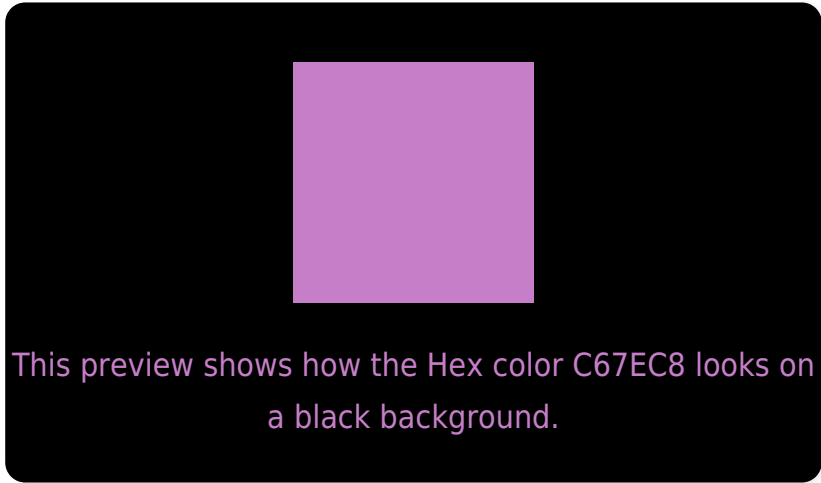
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

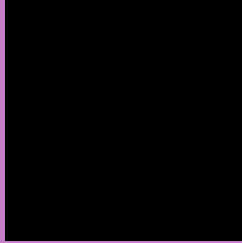
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex C67EC8 Background



This preview shows how black text looks on a background with the Hex color C67EC8.

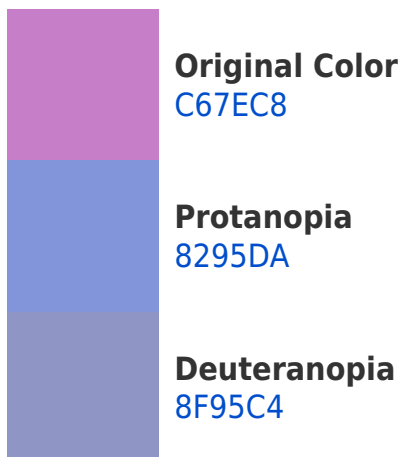


This preview shows how white text looks on a background with the Hex color C67EC8.

# 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**  
BF8993

# Trichromacy



**Original Color**  
C67EC8



**Protanomaly**  
9B8DD3



**Deuteranomaly**  
A38DC5



**Tritanomaly**  
C285A6

# Monochromacy



**Original Color**  
C67EC8



**Achromatopsia**  
9C9C9C



**Achromatomaly**  
AB91AC

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C67EC8 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 #C67EC8 looks like.

```
.text, #text, p{  
    color:#C67EC8  
}
```

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 #C67EC8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C67EC8
}
```

## Border

The CSS property to change the border of an element to Hex C67EC8 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
#C67EC8 }
```

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

```
.border{ border-color:#C67EC8 }
```

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

Here you see how a box with a 4 pixel #C67EC8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C67EC8; -webkit-box-shadow:4px 4px  
4px 4px #C67EC8; box-shadow:4px 4px 4px  
4px #C67EC8 }
```

# Background

The CSS property to change the background color of an element to Hex C67EC8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C67EC8 }
```

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

```
.background{ background-color:#C67EC8 }
```

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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