

Converting Colors

Hex(CC67CC)

Have a look what the booklet for
Hex(CC67CC) contains.

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Color

Hex(CC67CC)

Conversions

Conversions Part 1

Format	Color
Hex	CC67CC
RGB	204, 103, 204
RGB Percent	80%, 40%, 80%
CMY	0.2000, 0.5961, 0.2000
CMYK	0.00, 0.50, 0.00, 0.20
HSL	300°, 50%, 60%
HSV	300°, 50%, 80%
XYZ	40.6512, 26.8975, 60.1759
YIQ	144.7130, 27.7750, 52.8230

Conversions

Conversions Part 2

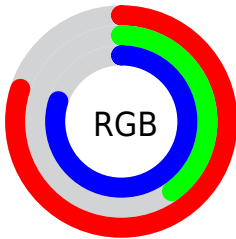
Format	Color
RYB	204, 103, 204
Decimal	13395916
CIELab	58.88, 53.96, -35.03
CIElCh	59, 64.332, 327.012
Yxy	26.8975, 0.3183, 0.2106
Android (android.graphics.Color)	4291585996 (0xFFCC67CC)
YUV	144.7130, 29.2285, 51.9947
Hunter-Lab	51.8628, 49.1522, -32.4897

Details

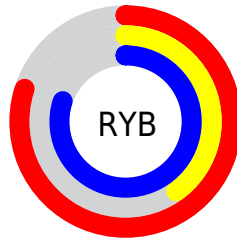
The Hex color **CC67CC** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **67CC67**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **FF9EFF**, and **933195** is the 20% darker color. If you saturate the color by 10%, you get **CC53CC**, and if you desaturate by 10%, it is **CC7BCC**.

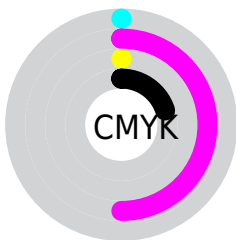
Distribution



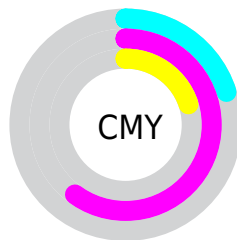
- Red (80%)
- Green (40%)
- Blue (80%)



- Red (80%)
- Yellow (40%)
- Blue (80%)



- Cyan (0%)
- Magenta (50%)
- Yellow (0%)
- Black (20%)



- Cyan (20%)
- Magenta (60%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color CC67CC 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 CC67CC by changing the saturation by 10% instead.

 CC67CC

 CC67CC

FFFFFF

 AF4CB0

 FF9EFF

 933195

 FFBAFF

 78107B

 FFD6FF

 5D0062

 FFF3FF

 43004A

 2C0033

 00001C

 000000

 CC67CC

 CC67CC

 CC53CC

 CC7BCC

 CC3ECC

 CC90CC

 CC2ACC

 CCA4CC

 CC15CC

 CCB9CC

 CC01CC

 CCCDCC

 CC00CC

 CCE1CC

 CCF6CC

 CCFFCC

Harmonies

Analogous

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



8181F3



CC67CC



EE5596

Triad

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



CC67CC



AE8900



00A8BF

Complementary

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



CC67CC



67CC67

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.



00A786



CC67CC



779918

Square

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



CC67CC



D8722C



17A34C



00A2EC

Rectangle

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



CC67CC



F35670



17A34C



00A8AD

Sweetspot

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



CC67CC



FFD9FF



6767CC



806980



000000



808080

Same Dimension

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



CC67CC



FF69FF



CC679A



665C66



A600A6



260026

Inverse Universe

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



CC67CC



FF69FF



67CC9A



665C66



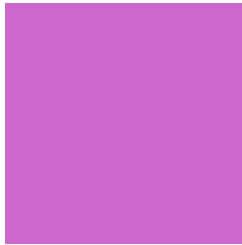
A600A6



260026

Previews

White Background



This preview shows how the Hex color CC67CC looks on a white background.

Color Contrast Check

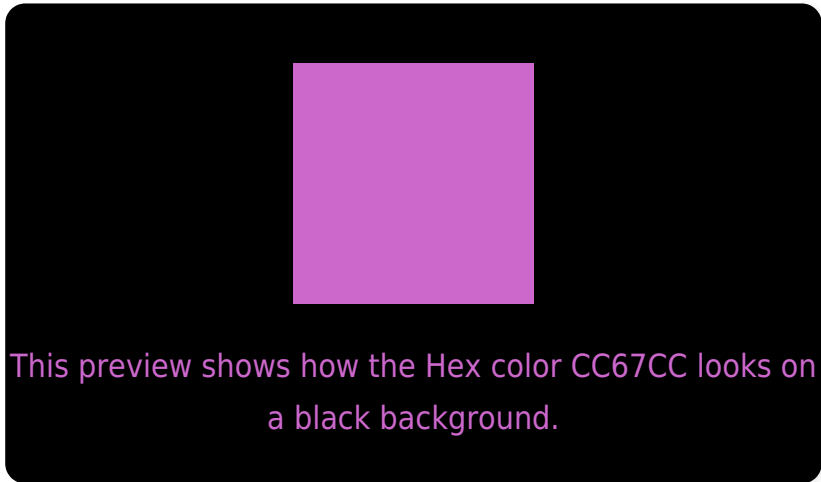
Large Text (above 18pt) WCAG AA ✓ Pass

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

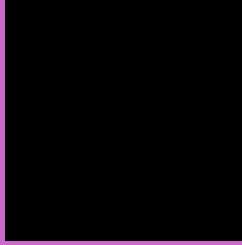
Any Text WCAG AA ✓ Pass

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 CC67CC Background



This preview shows how black text looks on a background with the Hex color CC67CC.

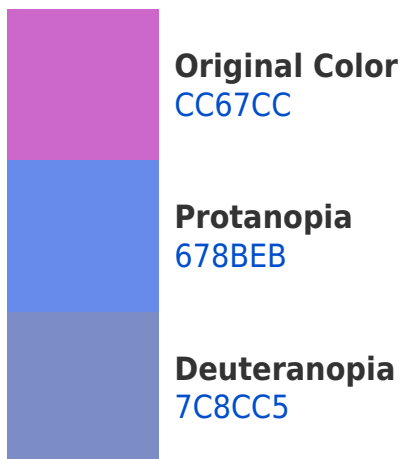


This preview shows how white text looks on a background with the Hex color CC67CC.

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
C37982

Trichromacy



Original Color
CC67CC



Protanomaly
8C7EE0



Deuteranomaly
997FC8



Tritanomaly
C6729D

Monochromacy



Original Color
CC67CC



Achromatopsia
919191



Achromatomaly
A682A6

CSS Examples

Text

The CSS property to change the color of the text to Hex CC67CC 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 #CC67CC looks like.

```
.text, #text, p{  
    color:#CC67CC  
}
```

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 #CC67CC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CC67CC  
}
```

Border

The CSS property to change the border of an element to Hex CC67CC 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  
#CC67CC }
```

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

```
.border{ border-color:#CC67CC }
```

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

Here you see how a box with a 4 pixel #CC67CC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CC67CC; -webkit-box-shadow:4px 4px  
4px 4px #CC67CC; box-shadow:4px 4px 4px  
4px #CC67CC }
```

Background

The CSS property to change the background color of an element to Hex CC67CC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CC67CC }
```

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

```
.background{ background-color:#CC67CC }
```

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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