

# Converting Colors

Hex(CC67B7)

Have a look what the booklet for  
Hex(CC67B7) contains.

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# **Color**

**Hex(CC67B7)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CC67B7
RGB	204, 103, 183
RGB Percent	80%, 40%, 72%
CMY	0.2000, 0.5961, 0.2824
CMYK	0.00, 0.50, 0.10, 0.20
HSL	312°, 50%, 60%
HSV	312°, 50%, 80%
XYZ	38.2993, 25.9568, 47.7913
YIQ	142.3190, 34.5160, 46.2920

# Conversions

## Conversions Part 2

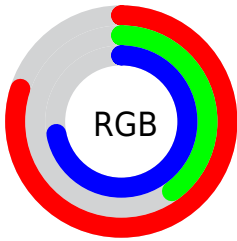
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">204, 103, 183</a>
Decimal	<a href="#">13395895</a>
CIELab	<a href="#">58.00, 50.36, -24.41</a>
CIELCh	<a href="#">58, 55.965, 334.135</a>
Yxy	<a href="#">25.9568, 0.3418, 0.2317</a>
Android (android.graphics.Color)	<a href="#">4291585975 (0xFFCC67B7)</a>
YUV	<a href="#">142.3190, 20.0557, 54.0942</a>
Hunter-Lab	<a href="#">50.9478, 45.0264, -19.9532</a>

# Details

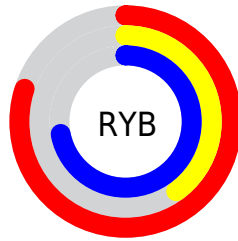
The Hex color **CC67B7** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **67CC7C**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **FF9DEF**, and **933182** is the 20% darker color. If you saturate the color by 10%, you get **CC53B3**, and if you desaturate by 10%, it is **CC7BBB**.

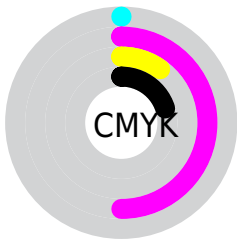
# Distribution



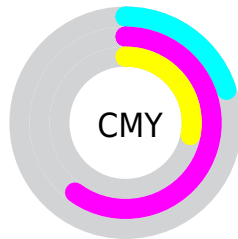
- Red (80%)
- Green (40%)
- Blue (72%)



- Red (80%)
- Yellow (40%)
- Blue (72%)



- Cyan (0%)
- Magenta (50%)
- Yellow (10%)
- Black (20%)



- Cyan (20%)
- Magenta (60%)
- Yellow (28%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CC67B7 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 CC67B7 by changing the saturation by 10% instead.



 CC67B7

 CC67B7

FFFFFF

 AF4C9C

 FF9DEF

 933182

 FFB9FF

 781268

 FFD6FF

 5D0050

 FFF3FF

 430039

 2C0023

 000009

 000000

 CC67B7

 CC67B7

 CC53B3

 CC7BBB

 CC3EAF

 CC90BF

 CC2AAA

 CCA4C4

 CC15A6

 CCB9C8

 CC01A2

 CCCDCC

 CC00A2

 CCE1D0

 CCF6D5

 CCFFD9

 CCFFDD

# Harmonies

## Analogous

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



967BDD



CC67B7



E35D87

# Triad

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



CC67B7



9F8B1F



00A2C1

# Complementary

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



CC67B7



67CC7C

# 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.



00A391



CC67B7



6C9834

# Square

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



CC67B7



C67931



0DA05F



009CE3

# Rectangle

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



CC67B7



E36166



0DA05F



00A3B2



# Sweetspot

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



CC67B7



FFD9F7



7B67CC



80697B



000000



808080



# Same Dimension

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



CC67B7



FF69E0



CC6785



665C64



A60083



26001E



# Inverse Universe

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



CC67B7



FF69E0



67CCAE



665C64



A60083

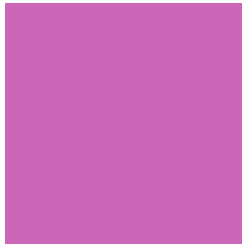


26001E



# Previews

## White Background



This preview shows how the Hex color CC67B7 looks on a white background.

## Color Contrast Check

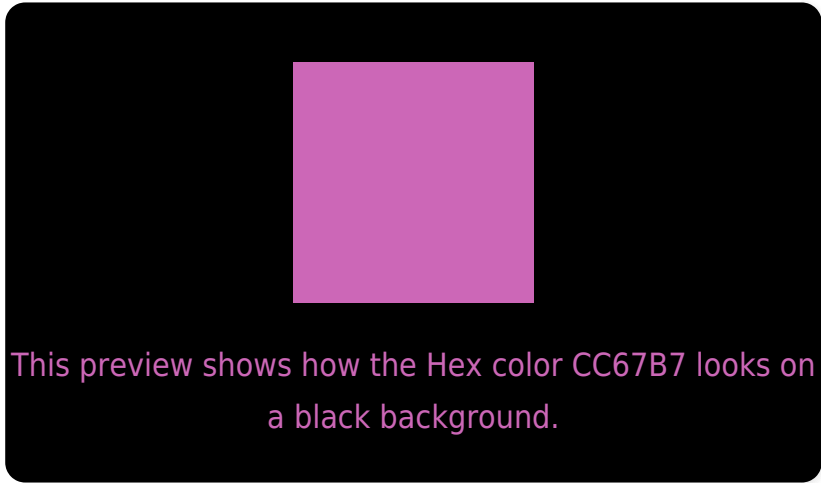
Large Text (above 18pt) WCAG AA ✓ Pass

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

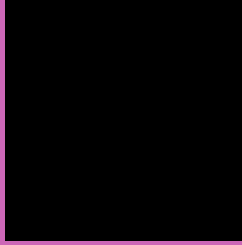
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex CC67B7 Background



This preview shows how black text looks on a background with the Hex color CC67B7.



This preview shows how white text looks on a background with the Hex color CC67B7.

# 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**  
C5747D

# Trichromacy



**Original Color**  
CC67B7



**Protanomaly**  
937DC8



**Deuteranomaly**  
9F7DB3

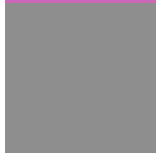


**Tritanomaly**  
C86F92

# Monochromacy



**Original Color**  
CC67B7



**Achromatopsia**  
8E8E8E



**Achromatomaly**  
A5809D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CC67B7 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 #CC67B7 looks like.

```
.text, #text, p{  
    color:#CC67B7  
}
```

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 #CC67B7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CC67B7
}
```

## Border

The CSS property to change the border of an element to Hex CC67B7 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
#CC67B7 }
```

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

```
.border{ border-color:#CC67B7 }
```

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

Here you see how a box with a 4 pixel #CC67B7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CC67B7; -webkit-box-shadow:4px 4px  
4px 4px #CC67B7; box-shadow:4px 4px 4px  
4px #CC67B7 }
```

# Background

The CSS property to change the background color of an element to Hex CC67B7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CC67B7 }
```

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

```
.background{ background-color:#CC67B7 }
```

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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