

# Converting Colors

Hex(CC87BD)

Have a look what the booklet for  
Hex(CC87BD) contains.

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# Color

**Hex(CC87BD)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CC87BD
RGB	204, 135, 189
RGB Percent	80%, 53%, 74%
CMY	0.2000, 0.4706, 0.2588
CMYK	0.00, 0.34, 0.07, 0.20
HSL	313°, 40%, 66%
HSV	313°, 34%, 80%
XYZ	42.7511, 33.8394, 52.4225
YIQ	161.7870, 23.7900, 31.4220

# Conversions

## Conversions Part 2

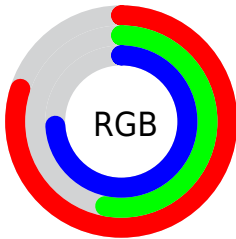
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	204, 135, 189
Decimal	13404093
CIE <sub>Lab</sub>	64.83, 34.67, -17.38
CIE <sub>LCh</sub>	65, 38.782, 333.371
Yxy	33.8394, 0.3314, 0.2623
Android (android.graphics.Color)	4291594173 (0xFFCC87BD)
<b>YUV</b>	161.7870, 13.4160, 37.0208
Hunter-Lab	58.1717, 29.3815, -12.7102

# Details

The Hex color **CC87BD** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **87CC96**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **FFBDF5**, and **955488** is the 20% darker color. If you saturate the color by 10%, you get **CC73B9**, and if you desaturate by 10%, it is **CC9BC1**.

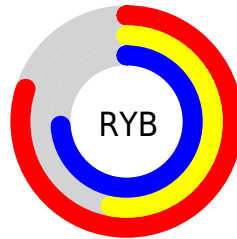
# Distribution



Red (80%)

Green (53%)

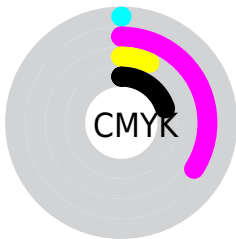
Blue (74%)



Red (80%)

Yellow (53%)

Blue (74%)

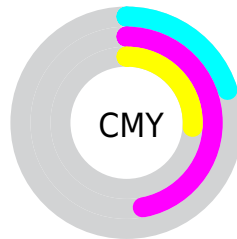


Cyan (0%)

Magenta (34%)

Yellow (7%)

Black (20%)



Cyan (20%)

Magenta (47%)

Yellow (26%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CC87BD 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 CC87BD by changing the saturation by 10% instead.



 CC87BD

FFFFFF

 FFBDF5

 FFD9FF

 FFF6FF

 CC87BD

 B06DA2

 955488

 7A3B6E

 602356

 47083E

 300028

 140013

 000000

 CC87BD

 CC87BD

 CC73B9

 CC9BC1

 CC5EB4

 CCB0C6

 CC4AB0

 CCC4CA

 CC35AB

 CCD9CF

 CC21A7

 CCEDD3

 CC0DA2

 CCFFD8

 CC00A0

 CCFFDC

 CCFFE0

 CCFFE5

# Harmonies

## Analogous

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



A693D7



CC87BD



DF829B

# Triad

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



CC87BD



B09D57



00AEC2

# Complementary

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



CC87BD



87CC96

# 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.



26B0A0



CC87BD



8BA662

# Square

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



CC87BD



CD9060



60AD7D



22A9DA

# Rectangle

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



CC87BD



E08384



60AD7D



00AFB8



# Sweetspot

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



CC87BD



FFE6F9



9687CC



80707C



000000



808080



# Same Dimension

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



CC87BD



FF96E8



CC879B



665C64



A60082



26001E



# Inverse Universe

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



CC87BD



FF96E8



87CCB8



665C64



A60082



26001E



# Previews

## White Background



This preview shows how the Hex color CC87BD looks on a white background.

## Color Contrast Check

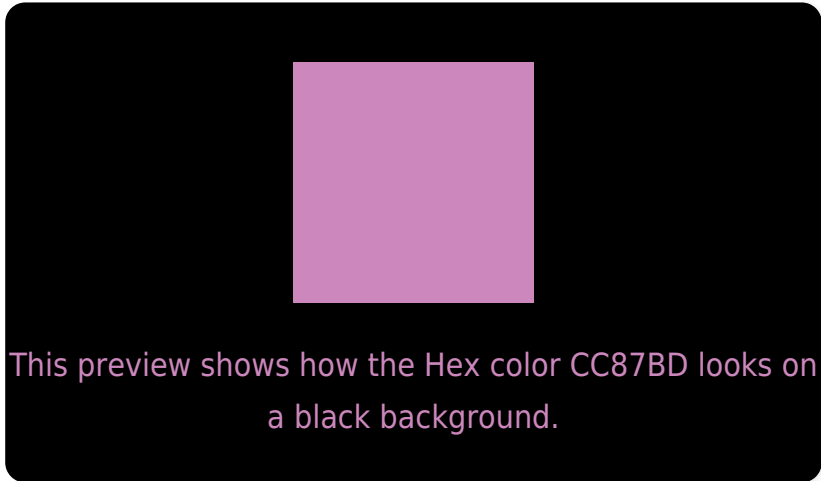
Large Text (above 18pt) WCAG AA × Fail

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

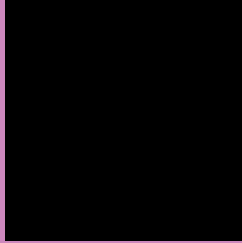
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex CC87BD Background



This preview shows how black text looks on a background with the Hex color CC87BD.

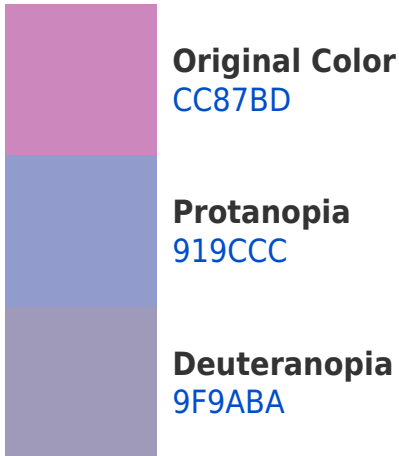


This preview shows how white text looks on a background with the Hex color CC87BD.

# 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**  
C78E99

# Trichromacy



**Original Color**  
CC87BD



**Protanomaly**  
A694C7



**Deuteranomaly**  
AF93BB



**Tritanomaly**  
C98BA6

# Monochromacy



**Original Color**  
CC87BD



**Achromatopsia**  
A2A2A2



**Achromatomaly**  
B198AC

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CC87BD 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 #CC87BD looks like.

```
.text, #text, p{  
    color:#CC87BD  
}
```

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 #CC87BD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CC87BD
}
```

## Border

The CSS property to change the border of an element to Hex CC87BD 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
#CC87BD }
```

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

```
.border{ border-color:#CC87BD }
```

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

Here you see how a box with a 4 pixel #CC87BD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CC87BD; -webkit-box-shadow:4px 4px  
4px 4px #CC87BD; box-shadow:4px 4px 4px  
4px #CC87BD }
```

# Background

The CSS property to change the background color of an element to Hex CC87BD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CC87BD }
```

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

```
.background{ background-color:#CC87BD }
```

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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