

# Converting Colors

Hex(CC007B)

Have a look what the booklet for  
Hex(CC007B) contains.

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# Color

**Hex(CC007B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CC007B
RGB	204, 0, 123
RGB Percent	80%, 0%, 48%
CMY	0.2000, 1.0000, 0.5176
CMYK	0.00, 1.00, 0.40, 0.20
HSL	324°, 100%, 40%
HSV	324°, 100%, 80%
XYZ	28.4770, 14.2674, 19.9919
YIQ	75.0180, 82.1010, 81.5010

# Conversions

## Conversions Part 2

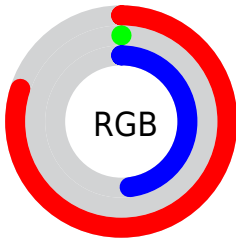
Format	Color
<b>RYB</b>	204, 0, 123
Decimal	13369467
CIELab	44.61, 73.30, -9.17
CIELCh	45, 73.875, 352.872
Yxy	14.2674, 0.4539, 0.2274
Android (android.graphics.Color)	4291559547 (0xFFCC007B)
YUV	75.0180, 23.6551, 113.1172
Hunter-Lab	37.7723, 68.4720, -4.9401

# Details

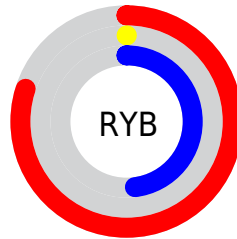
The Hex color **CC007B** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed rose. A complement of this color would be **00CC51**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **FF59AF**, and **90004A** is the 20% darker color. If you saturate the color by 10%, you get **CC007B**, and if you desaturate by 10%, it is **CC1483**.

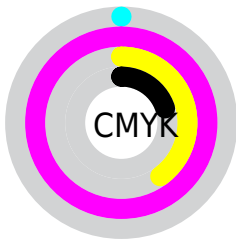
# Distribution



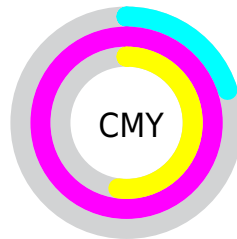
- Red (80%)
- Green (0%)
- Blue (48%)



- Red (80%)
- Yellow (0%)
- Blue (48%)



- Cyan (0%)
- Magenta (100%)
- Yellow (40%)
- Black (20%)



- Cyan (20%)
- Magenta (100%)
- Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CC007B 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 CC007B by changing the saturation by 10% instead.



 CC007B

 CC007B

FFFFFF

 AE0062

 FF59AF

 90004A

 FF77CB

 720034

 FF95E7

 55001F

 FFB2FF

 390002

 FFD0FF

 110000

 FFEEFF

 000000

 CC007B

 CC1483

 CC298B

 CC3D93

 CC529B

 CC66A3

 CC7AAC

 CC8FB4

 CCA3BC

 CCB8C4

# Harmonies

## Analogous

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



A33CB5



CC007B



D0143E

# Triad

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



CC007B



537400



0080CC

# Complementary

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



CC007B



00CC51

# 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.



008398



CC007B



007E10

# Square

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



CC007B



8D6200



008258



0076E5

# Rectangle

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



CC007B



C33614



008258



0082BD



# Sweetspot

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



CC007B



FFB3E1



4E00CC



80526D



000000



808080



# Same Dimension

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



CC007B



FF009A



CC0018



665C62



A60064



260017



# Inverse Universe

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



CC007B



FF009A



00CCB4



665C62



A60064



260017



# Previews

## White Background



This preview shows how the Hex color CC007B looks on a white background.

## Color Contrast Check

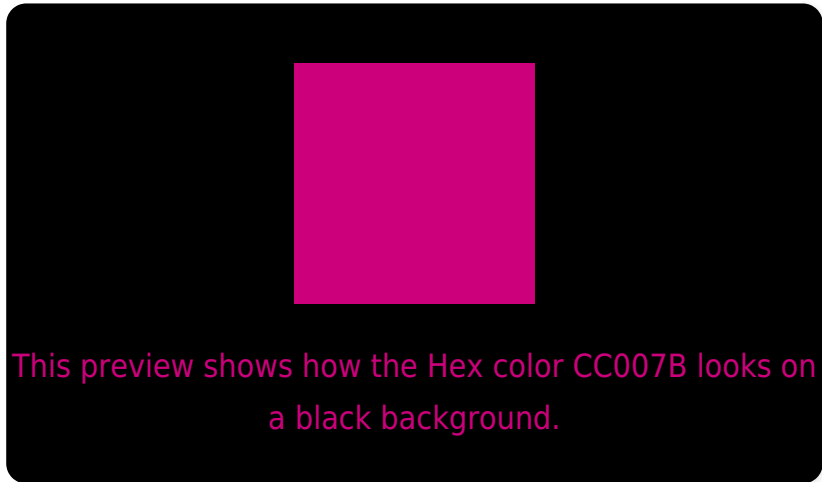
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black 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

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



## Hex CC007B Background



This preview shows how black text looks on a background with the Hex color CC007B.

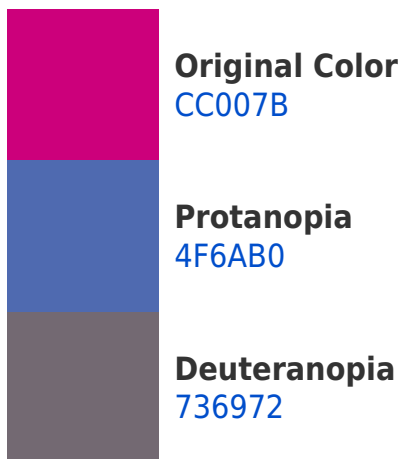



This preview shows how white text looks on a background with the Hex color CC007B.

# 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**  
C83132

# Trichromacy



**Original Color**  
CC007B



**Protanomaly**  
7C439D



**Deuteranomaly**  
934375



**Tritanomaly**  
C91F4D

# Monochromacy



**Original Color**  
CC007B



**Achromatopsia**  
4B4B4B



**Achromatomaly**  
7A305C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CC007B 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 #CC007B looks like.

```
.text, #text, p{  
    color:#CC007B  
}
```

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 #CC007B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CC007B
}
```

## Border

The CSS property to change the border of an element to Hex CC007B 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
#CC007B }
```

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

```
.border{ border-color:#CC007B }
```

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

Here you see how a box with a 4 pixel #CC007B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CC007B; -webkit-box-shadow:4px 4px  
4px 4px #CC007B; box-shadow:4px 4px 4px  
4px #CC007B }
```

# Background

The CSS property to change the background color of an element to Hex CC007B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CC007B }
```

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

```
.background{ background-color:#CC007B }
```

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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