

# Converting Colors

Hex(CC007D)

Have a look what the booklet for  
Hex(CC007D) contains.

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**Color**

**Hex(CC007D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CC007D
RGB	204, 0, 125
RGB Percent	80%, 0%, 49%
CMY	0.2000, 1.0000, 0.5098
CMYK	0.00, 1.00, 0.39, 0.20
HSL	323°, 100%, 40%
HSV	323°, 100%, 80%
XYZ	28.6035, 14.3180, 20.6581
YIQ	75.2460, 81.4590, 82.1230

# Conversions

## Conversions Part 2

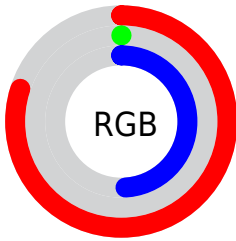
<b>Format</b>	<b>Color</b>
<b>R<sub>Y</sub>B</b>	204, 0, 125
Decimal	13369469
CIE <sub>Lab</sub>	44.69, 73.49, -10.29
CIE <sub>LCh</sub>	45, 74.207, 352.027
Yxy	14.3180, 0.4499, 0.2252
Android (android.graphics.Color)	4291559549 (0xFFCC007D)
YUV	75.2460, 24.5287, 112.9173
Hunter-Lab	37.8392, 68.7137, -5.8817

# Details

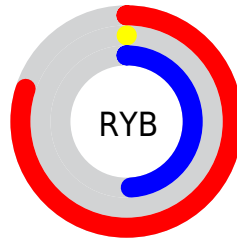
The Hex color **CC007D** is a dark color, and the websafe version is hex **CC3399**. The color can be described as dark washed rose. A complement of this color would be **00CC4F**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **FF59B2**, and **90004C** is the 20% darker color. If you saturate the color by 10%, you get **CC007D**, and if you desaturate by 10%, it is **CC1485**.

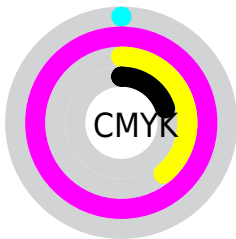
# Distribution



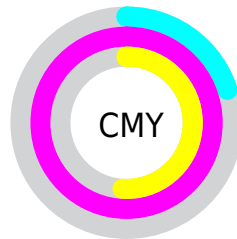
- Red (80%)
- Green (0%)
- Blue (49%)



- Red (80%)
- Yellow (0%)
- Blue (49%)



- Cyan (0%)
- Magenta (100%)
- Yellow (39%)
- Black (20%)



- Cyan (20%)
- Magenta (100%)
- Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CC007D 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 CC007D by changing the saturation by 10% instead.



 CC007D

 CC007D

FFFFFF

 AE0064

 FF59B2

 90004C

 FF77CD

 720035

 FF95E9

 550020

 FFB2FF

 3A0005

 FFD0FF

 120000

 FFEEFF

 000000

 CC007D

 CC1485

 CC298D

 CC3D95

 CC529D

 CC66A4

 CC7AAC

 CC8FB4

 CCA3BC

 CCB8C4

# Harmonies

## Analogous

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



A13DB7



CC007D



D11140

# Triad

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



CC007D



557400



0081CB

# Complementary

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



CC007D



00CC4F

# 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.



008497



CC007D



007E0C

# Square

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



CC007D



8F6100



008257



0077E6

# Rectangle

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



CC007D



C43516



008257



0082BC



# Sweetspot

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



CC007D



FFB3E1



4E00CC



80526E



000000



808080



# Same Dimension

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



CC007D



FF009C



CC0018



665C62



A60066



260017



# Inverse Universe

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



CC007D



FF009C



00CCB4



665C62



A60066



260017



# Previews

## White Background



This preview shows how the Hex color CC007D looks on a white background.

## Color Contrast Check

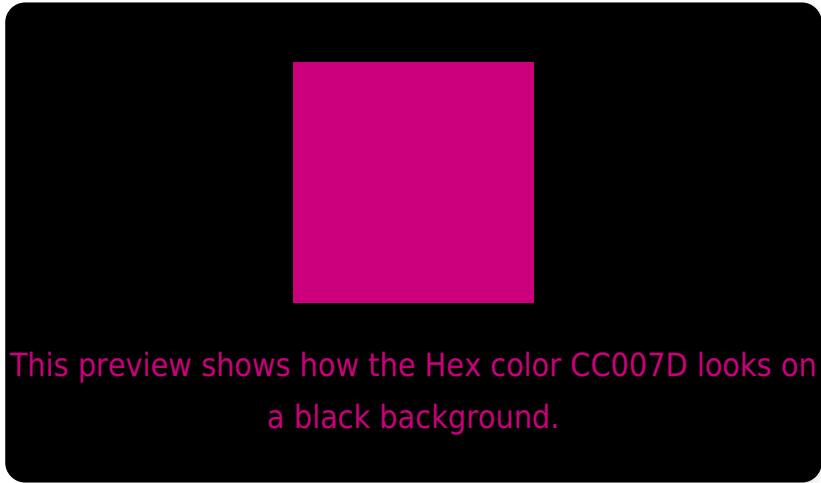
Large Text (above 18pt) WCAG AA ✓ Pass

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 CC007D Background



This preview shows how black text looks on a background with the Hex color CC007D.

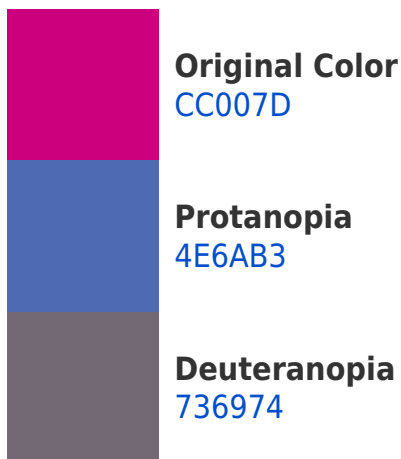



This preview shows how white text looks on a background with the Hex color CC007D.

# 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**  
C83133

# Trichromacy



**Original Color**  
CC007D



**Protanomaly**  
7C439F



**Deuteranomaly**  
934377



**Tritanomaly**  
C91F4E

# Monochromacy



**Original Color**  
CC007D



**Achromatopsia**  
4B4B4B



**Achromatomaly**  
7A305D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CC007D 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 #CC007D looks like.

```
.text, #text, p{  
    color:#CC007D  
}
```

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 #CC007D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CC007D
}
```

## Border

The CSS property to change the border of an element to Hex CC007D 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
#CC007D }
```

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

```
.border{ border-color:#CC007D }
```

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

Here you see how a box with a 4 pixel #CC007D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CC007D; -webkit-box-shadow:4px 4px  
4px 4px #CC007D; box-shadow:4px 4px 4px  
4px #CC007D }
```

# Background

The CSS property to change the background color of an element to Hex CC007D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CC007D }
```

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

```
.background{ background-color:#CC007D }
```

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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