

# Converting Colors

Hex(CC0087)

Have a look what the booklet for  
Hex(CC0087) contains.

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**Color**

**Hex(CC0087)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CC0087
RGB	204, 0, 135
RGB Percent	80%, 0%, 53%
CMY	0.2000, 1.0000, 0.4706
CMYK	0.00, 1.00, 0.34, 0.20
HSL	320°, 100%, 40%
HSV	320°, 100%, 80%
XYZ	29.2750, 14.5866, 24.1942
YIQ	76.3860, 78.2490, 85.2330

# Conversions

## Conversions Part 2

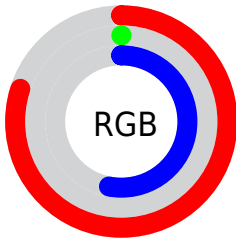
Format	Color
<a href="#">RYB</a>	<a href="#">204, 0, 135</a>
Decimal	<a href="#">13369479</a>
CIELab	<a href="#">45.06, 74.47, -15.86</a>
CIElCh	<a href="#">45, 76.136, 347.979</a>
Yxy	<a href="#">14.5866, 0.4302, 0.2143</a>
Android (android.graphics.Color)	<a href="#">4291559559 (0xFFCC0087)</a>
YUV	<a href="#">76.3860, 28.8967, 111.9175</a>
Hunter-Lab	<a href="#">38.1925, 69.9858, -10.8244</a>

# Details

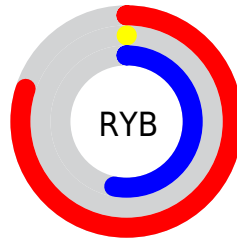
The Hex color **CC0087** is a dark color, and the websafe version is hex **CC3399**. The color can be described as dark washed rose. A complement of this color would be **00CC45**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **FF59BC**, and **900055** is the 20% darker color. If you saturate the color by 10%, you get **CC0087**, and if you desaturate by 10%, it is **CC148E**.

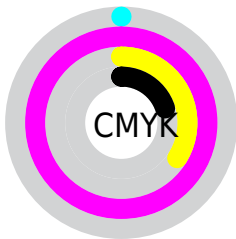
# Distribution



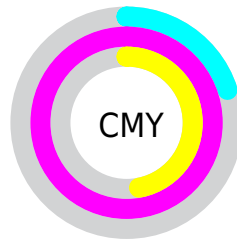
- Red (80%)
- Green (0%)
- Blue (53%)



- Red (80%)
- Yellow (0%)
- Blue (53%)



- Cyan (0%)
- Magenta (100%)
- Yellow (34%)
- Black (20%)



- Cyan (20%)
- Magenta (100%)
- Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CC0087 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 CC0087 by changing the saturation by 10% instead.



 CC0087

 CC0087

FFFFFF

 AE006E

 FF59BC

 900055

 FF78D8

 73003E

 FF95F5

 560028

 FFB3FF

 3A0012

 FFD1FF

 160000

 FFEFFF

 000000

 CC0087

 CC148E

 CC2995

 CC3D9C

 CC52A3

 CC66A9

 CC7AB0

 CC8FB7

 CCA3BE

 CCB8C5

# Harmonies

## Analogous

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



9A42C1



CC0087



D60048

# Triad

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



CC0087



5F7300



0083C9

# Complementary

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



CC0087



00CC45

# 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.



008590



CC0087



007E00

# Square

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



CC0087



975F00



00834E



007AE9

# Rectangle

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



CC0087



CB2D1E



00834E



0084B8



# Sweetspot

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



CC0087



FFB3E5



4400CC



805270



000000



808080



# Same Dimension

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



CC0087



FF00A9



CC0022



665C63



A6006E



260019



# Inverse Universe

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



CC0087



FF00A9



00CCAA



665C63



A6006E



260019



# Previews

## White Background



This preview shows how the Hex color CC0087 looks on a white background.

## Color Contrast Check

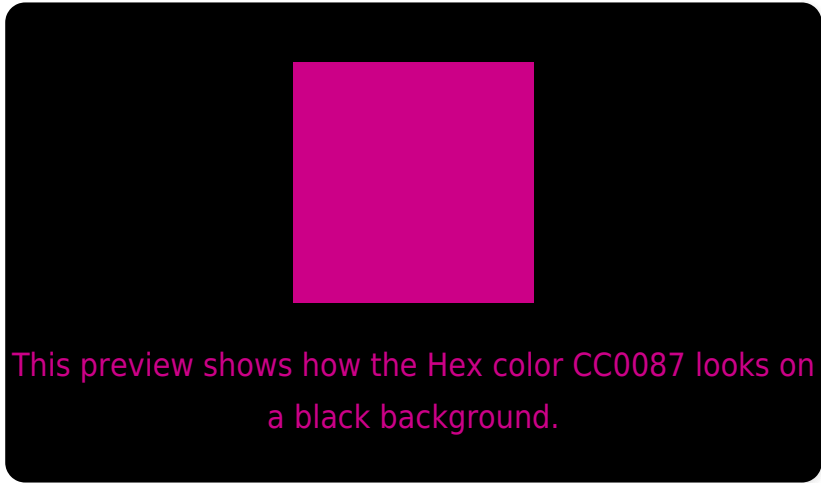
Large Text (above 18pt) WCAG AA ✓ Pass

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 CC0087 Background



This preview shows how black text looks on a background with the Hex color CC0087.

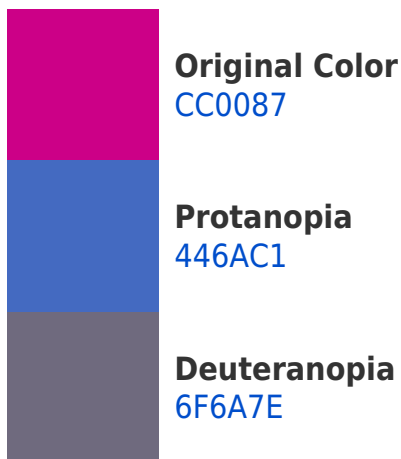


This preview shows how white text looks on a background with the Hex color CC0087.

# 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





# Trichromacy



**Original Color**  
CC0087



**Protanomaly**  
7543AC



**Deuteranomaly**  
914381



**Tritanomaly**  
C92254

# Monochromacy



**Original Color**  
CC0087



**Achromatopsia**  
4C4C4C



**Achromatomaly**  
7B3061

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CC0087 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 #CC0087 looks like.

```
.text, #text, p{  
    color:#CC0087  
}
```

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 #CC0087 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CC0087
}
```

## Border

The CSS property to change the border of an element to Hex CC0087 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
#CC0087 }
```

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

```
.border{ border-color:#CC0087 }
```

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

Here you see how a box with a 4 pixel #CC0087 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CC0087; -webkit-box-shadow:4px 4px  
4px 4px #CC0087; box-shadow:4px 4px 4px  
4px #CC0087 }
```

# Background

The CSS property to change the background color of an element to Hex CC0087 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CC0087 }
```

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

```
.background{ background-color:#CC0087 }
```

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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