

# Converting Colors

Hex(CC0077)

Have a look what the booklet for  
Hex(CC0077) contains.

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# Color

**Hex(CC0077)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CC0077
RGB	204, 0, 119
RGB Percent	80%, 0%, 47%
CMY	0.2000, 1.0000, 0.5333
CMYK	0.00, 1.00, 0.42, 0.20
HSL	325°, 100%, 40%
HSV	325°, 100%, 80%
XYZ	28.2316, 14.1693, 18.6997
YIQ	74.5620, 83.3850, 80.2570

# Conversions

## Conversions Part 2

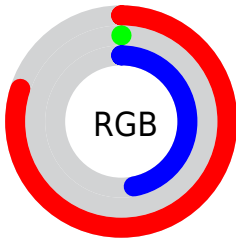
<b>Format</b>	<b>Color</b>
<b>RYB</b>	204, 0, 119
Decimal	13369463
CIELab	44.47, 72.94, -6.90
CIELCh	44, 73.267, 354.593
Yxy	14.1693, 0.4621, 0.2319
Android (android.graphics.Color)	4291559543 (0xFFCC0077)
YUV	74.5620, 21.9079, 113.5171
Hunter-Lab	37.6421, 68.0015, -3.1044

# Details

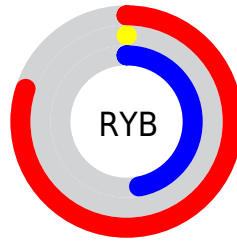
The Hex color **CC0077** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed rose. A complement of this color would be **00CC55**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **FF58AB**, and **900047** is the 20% darker color. If you saturate the color by 10%, you get **CC0077**, and if you desaturate by 10%, it is **CC147F**.

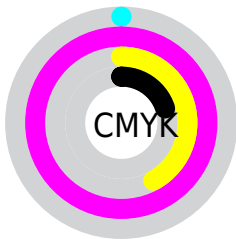
# Distribution



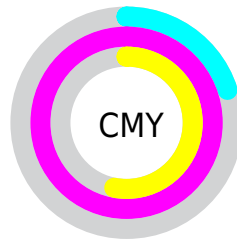
- Red (80%)
- Green (0%)
- Blue (47%)



- Red (80%)
- Yellow (0%)
- Blue (47%)



- Cyan (0%)
- Magenta (100%)
- Yellow (42%)
- Black (20%)



- Cyan (20%)
- Magenta (100%)
- Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CC0077 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 CC0077 by changing the saturation by 10% instead.



 CC0077

 CC0077

FFFFFF

 AE005E

 FF58AB

 900047

 FF77C6

 720031

 FF94E2

 55001C

 FFB2FF

 390002

 FFCFFF

 0F0000

 FFEDFF

 000000

 CC0077

 CC147F

 CC2988

 CC3D90

 CC5299

 CC66A2

 CC7AAA

 CC8FB3

 CCA3BB

 CCB8C3

# Harmonies

## Analogous

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



A539B1



CC0077



CE193B

# Triad

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



CC0077



4F7400



0080CD

# Complementary

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



CC0077



00CC55

# 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.



00839B



CC0077



007E17

# Square

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



CC0077



8A6300



00825C



0075E4

# Rectangle

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



CC0077



C03910



00825C



0081BF



# Sweetspot

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



CC0077



FFB3DF



5500CC



80526C



000000



808080



# Same Dimension

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



CC0077



FF0095



CC0011



665C62



A60061



260016



# Inverse Universe

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



CC0077



FF0095



00CCBB



665C62



A60061



260016



# Previews

## White Background



This preview shows how the Hex color CC0077 looks on a white background.

## Color Contrast Check

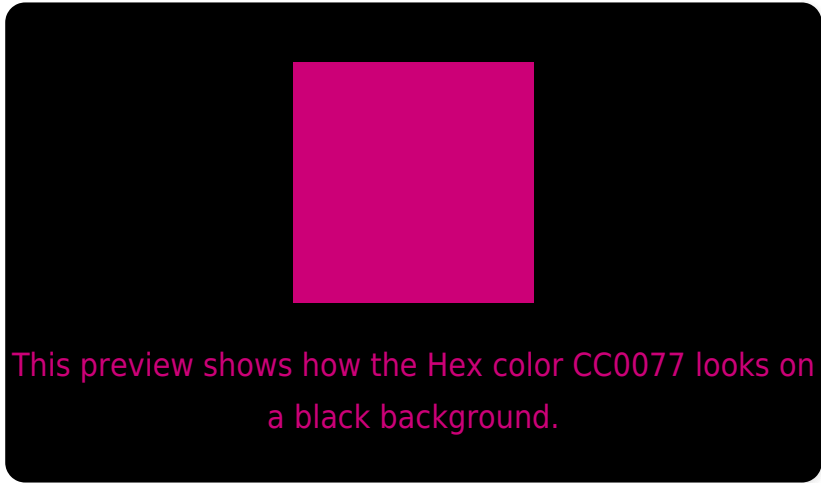
Large Text (above 18pt) WCAG AA ✓ Pass

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 CC0077 Background



This preview shows how black text looks on a background with the Hex color CC0077.



This preview shows how white text looks on a background with the Hex color CC0077.

# 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**  
C82F30

# Trichromacy



**Original Color**  
CC0077



**Protanomaly**  
7F4398



**Deuteranomaly**  
944271

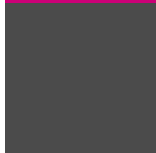


**Tritanomaly**  
C91E4A

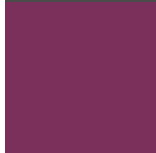
# Monochromacy



**Original Color**  
CC0077



**Achromatopsia**  
4B4B4B



**Achromatomaly**  
7A305B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CC0077 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 #CC0077 looks like.

```
.text, #text, p{  
    color:#CC0077  
}
```

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 #CC0077 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CC0077
}
```

## Border

The CSS property to change the border of an element to Hex CC0077 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
#CC0077 }
```

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

```
.border{ border-color:#CC0077 }
```

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

Here you see how a box with a 4 pixel #CC0077 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CC0077; -webkit-box-shadow:4px 4px  
4px 4px #CC0077; box-shadow:4px 4px 4px  
4px #CC0077 }
```

# Background

The CSS property to change the background color of an element to Hex CC0077 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CC0077 }
```

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

```
.background{ background-color:#CC0077 }
```

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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