

# Converting Colors

Hex(CC0071)

Have a look what the booklet for  
Hex(CC0071) contains.

<b>Hex(CC0071)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(CC0071)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CC0071
RGB	204, 0, 113
RGB Percent	80%, 0%, 44%
CMY	0.2000, 1.0000, 0.5569
CMYK	0.00, 1.00, 0.45, 0.20
HSL	327°, 100%, 40%
HSV	327°, 100%, 80%
XYZ	27.8825, 14.0296, 16.8612
YIQ	73.8780, 85.3110, 78.3910

# Conversions

## Conversions Part 2

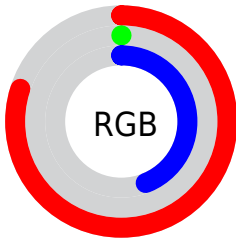
<b>Format</b>	<b>Color</b>
<b>RYB</b>	204, 0, 113
Decimal	13369457
CIELab	44.28, 72.42, -3.48
CIElCh	44, 72.502, 357.251
Yxy	14.0296, 0.4744, 0.2387
Android (android.graphics.Color)	4291559537 (0xFFCC0071)
YUV	73.8780, 19.2871, 114.1170
Hunter-Lab	37.4561, 67.3278, -0.4706

# Details

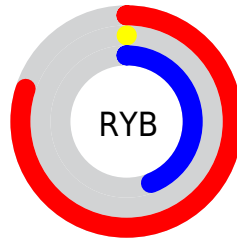
The Hex color **CC0071** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed rose. A complement of this color would be **00CC5B**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **FF58A5**, and **8F0041** is the 20% darker color. If you saturate the color by 10%, you get **CC0071**, and if you desaturate by 10%, it is **CC147A**.

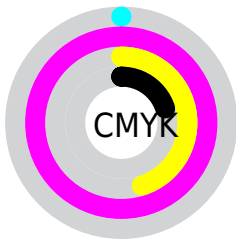
# Distribution



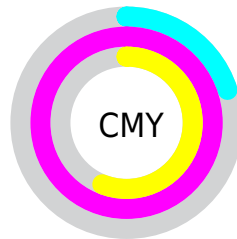
- Red (80%)
- Green (0%)
- Blue (44%)



- Red (80%)
- Yellow (0%)
- Blue (44%)



- Cyan (0%)
- Magenta (100%)
- Yellow (45%)
- Black (20%)



- Cyan (20%)
- Magenta (100%)
- Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CC0071 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 CC0071 by changing the saturation by 10% instead.



 CC0071

 CC0071

FFFFFF

 AE0059

 FF58A5

 8F0041

 FF76C0

 72002C

 FF94DB

 540017

 FFB1F8

 380002

 FFCFFF

 0C0000

 FFEDFF

 000000

 CC0071

 CC147A

 CC2983

 CC3D8C

 CC5295

 CC669F

 CC7AA8

 CC8FB1

 CCA3BA

 CCB8C3

# Harmonies

## Analogous

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



A936AB



CC0071



CB1F36

# Triad

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



CC0071



497500



007ECF

# Complementary

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



CC0071



00CC5B

# 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.



00829F



CC0071



007D1F

# Square

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



CC0071



856500



008161



0073E3

# Rectangle

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



CC0071



BC3D09



008161



0080C1



# Sweetspot

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



CC0071



FFB3DD



5800CC



80526B



000000



808080



# Same Dimension

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



CC0071



FF008D



CC000E



665C61



A6005C



260015



# Inverse Universe

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



CC0071



FF008D



00CCBE



665C61



A6005C



260015



# Previews

## White Background



This preview shows how the Hex color CC0071 looks on a white background.

## Color Contrast Check

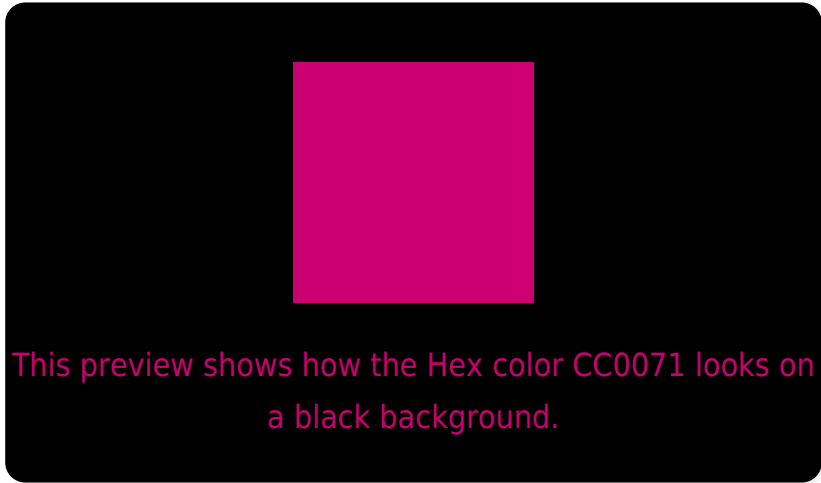
Large Text (above 18pt) WCAG AA ✓ Pass

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 CC0071 Background



This preview shows how black text looks on a background with the Hex color CC0071.



This preview shows how white text looks on a background with the Hex color CC0071.

# 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**  
CC0071



**Protanomaly**  
824391



**Deuteranomaly**  
95426B



**Tritanomaly**  
C91D46

# Monochromacy



**Original Color**  
CC0071



**Achromatopsia**  
4A4A4A



**Achromatomaly**  
792F58

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CC0071 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 #CC0071 looks like.

```
.text, #text, p{  
    color:#CC0071  
}
```

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 #CC0071 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CC0071
}
```

## Border

The CSS property to change the border of an element to Hex CC0071 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
#CC0071 }
```

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

```
.border{ border-color:#CC0071 }
```

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

Here you see how a box with a 4 pixel #CC0071 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CC0071; -webkit-box-shadow:4px 4px  
4px 4px #CC0071; box-shadow:4px 4px 4px  
4px #CC0071 }
```

# Background

The CSS property to change the background color of an element to Hex CC0071 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CC0071 }
```

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

```
.background{ background-color:#CC0071 }
```

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](#).



Hey! You found this booklet  
interesting? Support Converting  
Colors with the new Membership  
Option!

The pro membership hides all ads, plus gives you  
double the colors in the color bucket, and more  
awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor