

# Converting Colors

Hex(CC0065)

Have a look what the booklet for  
Hex(CC0065) contains.

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# Color

Hex(CC0065)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CC0065
RGB	204, 0, 101
RGB Percent	80%, 0%, 40%
CMY	0.2000, 1.0000, 0.6039
CMYK	0.00, 1.00, 0.50, 0.20
HSL	330°, 100%, 40%
HSV	330°, 100%, 80%
XYZ	27.2508, 13.7770, 13.5349
YIQ	72.5100, 89.1630, 74.6590

# Conversions

## Conversions Part 2

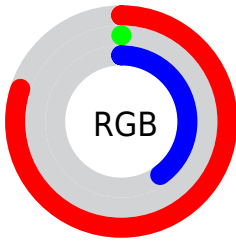
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	204, 0, 101
Decimal	13369445
CIE <sub>Lab</sub>	43.91, 71.46, 3.48
CIE <sub>LCh</sub>	44, 71.545, 2.789
Yxy	13.7770, 0.4994, 0.2525
Android (android.graphics.Color)	4291559525 (0xFFCC0065)
YUV	72.5100, 14.0456, 115.3167
Hunter-Lab	37.1173, 66.0959, 4.3620

# Details

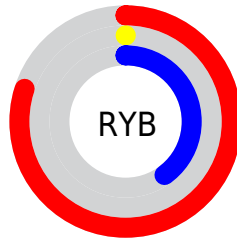
The Hex color **CC0065** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed rose. A complement of this color would be **00CC67**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **FF5898**, and **8F0037** is the 20% darker color. If you saturate the color by 10%, you get **CC0065**, and if you desaturate by 10%, it is **CC146F**.

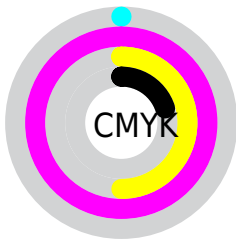
# Distribution



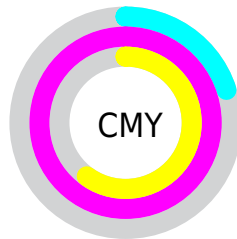
- Red (80%)
- Green (0%)
- Blue (40%)



- Red (80%)
- Yellow (0%)
- Blue (40%)



- Cyan (0%)
- Magenta (100%)
- Yellow (50%)
- Black (20%)



- Cyan (20%)
- Magenta (100%)
- Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CC0065 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 CC0065 by changing the saturation by 10% instead.



 CC0065

 CC0065

FFFFFF

 AD004D

 FF5898

 8F0037

 FF76B2

 710022

 FF93CE

 54000A

 FFB1EA

 360002

 FFCEFF

 060000

 FFECFF

 000000

 CC0065

 CC146F

 CC297A

 CC3D84

 CC528E

 CC6698

 CC7AA3

 CC8FAD

 CCA3B7

 CCB8C2

# Harmonies

## Analogous

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



B12E9F



CC0065



C6292B

# Triad

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



CC0065



3B7600



007CD2

# Complementary

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



CC0065



00CC67

# 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.



0080A7



CC0065



007D2C

# Square

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



CC0065



7A6700



00806C



006EE0

# Rectangle

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



CC0065



B44400



00806C



007EC7



# Sweetspot

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



CC0065



FFB3D8



6600CC



805268



000000



808080



# Same Dimension

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



CC0065



FF007E



CC0000



665C61



A60052



260013



# Inverse Universe

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



CC0065



FF007E



00CCCC



665C61



A60052



260013



# Previews

## White Background



This preview shows how the Hex color CC0065 looks on a white background.

## Color Contrast Check

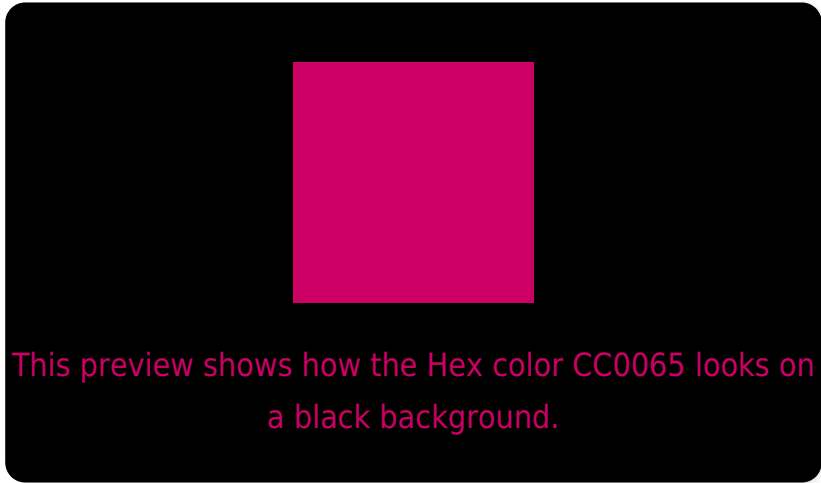
Large Text (above 18pt) WCAG AA ✓ Pass

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 CC0065 Background



This preview shows how black text looks on a background with the Hex color CC0065.

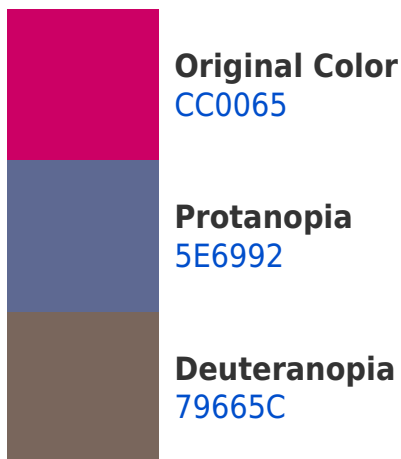


This preview shows how white text looks on a background with the Hex color CC0065.

# 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**  
CC0065



**Protanomaly**  
864382



**Deuteranomaly**  
97415F

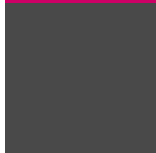


**Tritanomaly**  
CA193E

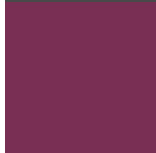
# Monochromacy



**Original Color**  
CC0065



**Achromatopsia**  
494949



**Achromatomaly**  
792E53

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CC0065 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 #CC0065 looks like.

```
.text, #text, p{  
    color:#CC0065  
}
```

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 #CC0065 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CC0065
}
```

## Border

The CSS property to change the border of an element to Hex CC0065 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
#CC0065 }
```

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

```
.border{ border-color:#CC0065 }
```

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

Here you see how a box with a 4 pixel #CC0065 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CC0065; -webkit-box-shadow:4px 4px  
4px 4px #CC0065; box-shadow:4px 4px 4px  
4px #CC0065 }
```

# Background

The CSS property to change the background color of an element to Hex CC0065 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CC0065 }
```

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

```
.background{ background-color:#CC0065 }
```

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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