

# Converting Colors

Hex(CC00BB)

Have a look what the booklet for  
Hex(CC00BB) contains.

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# Color

Hex(CC00BB)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CC00BB
RGB	204, 0, 187
RGB Percent	80%, 0%, 73%
CMY	0.2000, 1.0000, 0.2667
CMYK	0.00, 1.00, 0.08, 0.20
HSL	305°, 100%, 40%
HSV	305°, 100%, 80%
XYZ	33.8715, 16.4252, 48.3989
YIQ	82.3140, 61.5570, 101.4050

# Conversions

## Conversions Part 2

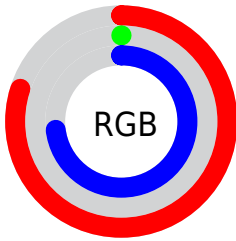
<b>Format</b>	<b>Color</b>
<b>RYB</b>	204, 0, 187
Decimal	13369531
CIELab	47.53, 80.66, -43.11
CIElCh	48, 91.458, 331.881
Yxy	16.4252, 0.3432, 0.1664
Android (android.graphics.Color)	4291559611 (0xFFCC00BB)
YUV	82.3140, 51.6102, 106.7186
Hunter-Lab	40.5280, 78.2580, -42.4349

# Details

The Hex color **CC00BB** is a dark color, and the websafe version is hex **CC33CC**. The color can be described as dark washed rose. A complement of this color would be **00CC11**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **FF5CF4**, and **910085** is the 20% darker color. If you saturate the color by 10%, you get **CC00BB**, and if you desaturate by 10%, it is **CC14BD**.

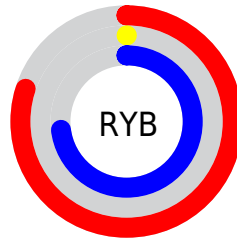
# Distribution



Red (80%)

Green (0%)

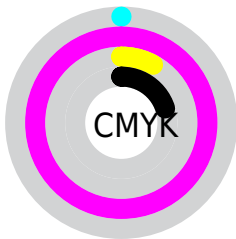
Blue (73%)



Red (80%)

Yellow (0%)

Blue (73%)

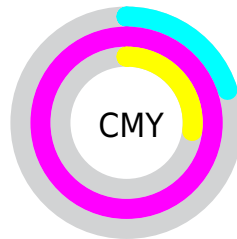


Cyan (0%)

Magenta (100%)

Yellow (8%)

Black (20%)



Cyan (20%)

Magenta (100%)

Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CC00BB 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 CC00BB by changing the saturation by 10% instead.



 CC00BB

 CC00BB

FFFFFF

 AE00A0

 FF5CF4

 910085

 FF7BFF

 74006B

 FF99FF

 570052

 FFB7FF

 3D003B

 FFD5FF

 1E0024

 FFF3FF

 00000B

 000000

 CC00BB

 CC14BD

 CC29BE

 CC3DC0

 CC52C2

 CC66C4

 CC7AC5

 CC8FC7

 CCA3C9

 CCB8CA

# Harmonies

## Analogous

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



6359F6



CC00BB



EF0070

# Triad

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



CC00BB



867000



008FC1

# Complementary

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



CC00BB



00CC11

# 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.



008E74



CC00BB



2F8200

# Square

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



CC00BB



C14D00



008B1C



008BFB

# Rectangle

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



CC00BB



EE003E



008B1C



008FA9



# Sweetspot

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



CC00BB



FFB3F9



1100CC



80527C



000000



808080



# Same Dimension

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



CC00BB



FF00EA



CC0055



665C65



A60098



260023



# Inverse Universe

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



CC00BB



FF00EA



00CC77



665C65



A60098



260023



# Previews

## White Background



This preview shows how the Hex color CC00BB looks on a white background.

## Color Contrast Check

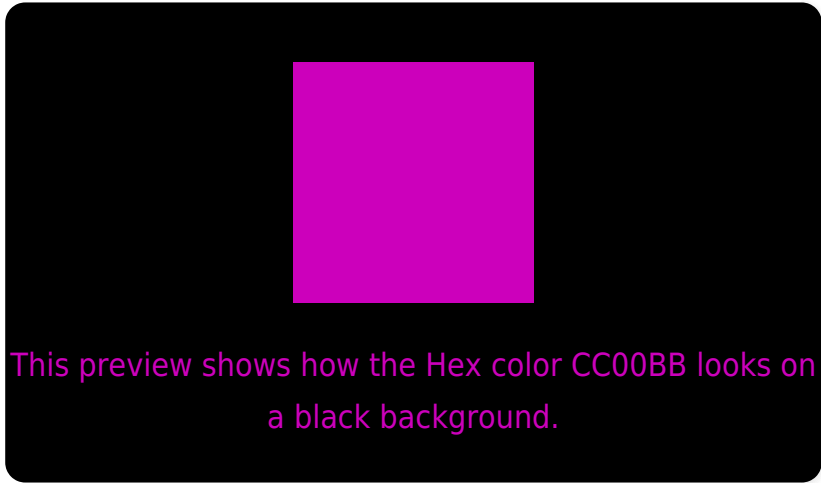
Large Text (above 18pt) WCAG AA ✓ Pass

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

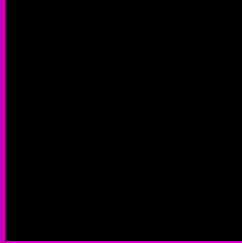
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex CC00BB Background



This preview shows how black text looks on a background with the Hex color CC00BB.

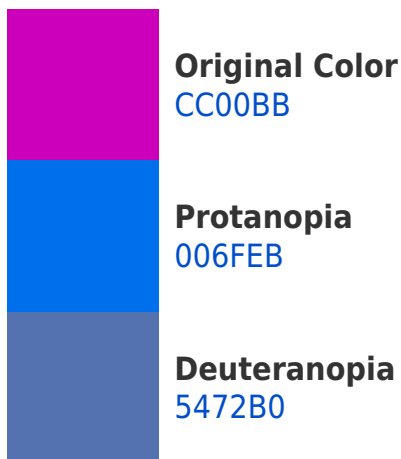


This preview shows how white text looks on a background with the Hex color CC00BB.

# 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**  
C14A4E

# Trichromacy



**Original Color**  
CC00BB



**Protanomaly**  
4A47DA



**Deuteranomaly**  
8049B4



**Tritanomaly**  
C52F76

# Monochromacy



**Original Color**  
CC00BB



**Achromatopsia**  
525252



**Achromatomaly**  
7E3478

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CC00BB 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 #CC00BB looks like.

```
.text, #text, p{  
    color:#CC00BB  
}
```

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 #CC00BB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CC00BB
}
```

## Border

The CSS property to change the border of an element to Hex CC00BB 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
#CC00BB }
```

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

```
.border{ border-color:#CC00BB }
```

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

Here you see how a box with a 4 pixel #CC00BB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CC00BB; -webkit-box-shadow:4px 4px  
4px 4px #CC00BB; box-shadow:4px 4px 4px  
4px #CC00BB }
```

# Background

The CSS property to change the background color of an element to Hex CC00BB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CC00BB }
```

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

```
.background{ background-color:#CC00BB }
```

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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