

# Converting Colors

Hex(CC00D2)

Have a look what the booklet for  
Hex(CC00D2) contains.

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**Color**

**Hex(CC00D2)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CC00D2
RGB	204, 0, 210
RGB Percent	80%, 0%, 82%
CMY	0.2000, 1.0000, 0.1765
CMYK	0.03, 1.00, 0.00, 0.18
HSL	298°, 100%, 41%
HSV	298°, 100%, 82%
XYZ	36.5347, 17.4905, 62.4232
YIQ	84.9360, 54.1740, 108.5580

# Conversions

## Conversions Part 2

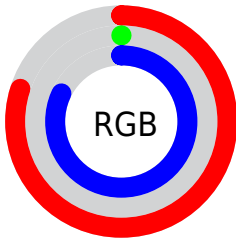
Format	Color
<a href="#">RYB</a>	<a href="#">204, 0, 210</a>
Decimal	<a href="#">13369554</a>
CIELab	<a href="#">48.87, 83.92, -54.30</a>
CIElCh	<a href="#">49, 99.958, 327.097</a>
Yxy	<a href="#">17.4905, 0.3137, 0.1502</a>
Android (android.graphics.Color)	<a href="#">4291559634 (0xFFCC00D2)</a>
YUV	<a href="#">84.9360, 61.6566, 104.4191</a>
Hunter-Lab	<a href="#">41.8217, 82.7467, -59.2213</a>

# Details

The Hex color **CC00D2** is a dark color, and the websafe version is hex **CC00CC**. The color can be described as middle washed magenta. A complement of this color would be **06D200**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **FF5DFF**, and **91009B** is the 20% darker color. If you saturate the color by 10%, you get **CC00D2**, and if you desaturate by 10%, it is **CD15D2**.

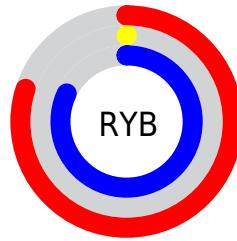
# Distribution



Red (80%)

Green (0%)

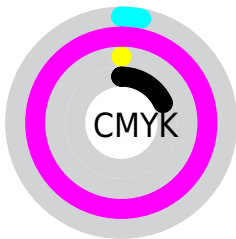
Blue (82%)



Red (80%)

Yellow (0%)

Blue (82%)

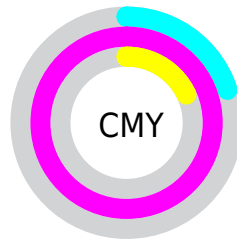


Cyan (3%)

Magenta (100%)

Yellow (0%)

Black (18%)



Cyan (20%)

Magenta (100%)

Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CC00D2 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 CC00D2 by changing the saturation by 10% instead.




 CC00D2

 CC00D2

FFFFFF

 AE00B6

 FF5DFF

 91009B

 FF7CFF

 740080

 FF9AFF

 570066

 FFB8FF

 3C004D

 FFD7FF

 1C0035

 FFF5FF

 00021F

 000002

 000000

 CC00D2

 CD15D2

 CD2AD2

 CE3FD2

 CE54D2

 CF69D2

 D07ED2

 D093D2

 D1A8D2

 D1BDD2

# Harmonies

## Analogous

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



2F61FF



CC00D2



FB0080

# Triad

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



CC00D2



956F00



0095C0

# Complementary

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



CC00D2



06D200

# 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.



009369



CC00D2



3D8500

# Square

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



CC00D2



D34200



008F00



0092FF

# Rectangle

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



CC00D2



FE0049



008F00



0094A4



# Sweetspot

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



CC00D2



FDB3FF



0007D2



7E5280



000000



808080



# Same Dimension

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



CC00D2



F800FF



D20070



685E69



A300A8



280029



# Inverse Universe

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



D20006



FF0007



00D262



695E5E



A80005



290001



# Previews

## White Background



This preview shows how the Hex color CC00D2 looks on a white background.

## Color Contrast Check

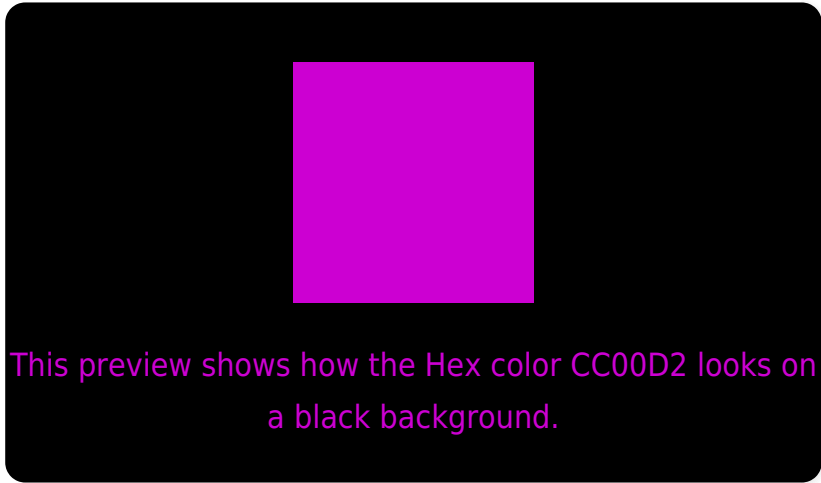
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ Pass

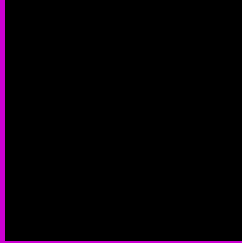
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex CC00D2 Background



This preview shows how black text looks on a background with the Hex color CC00D2.

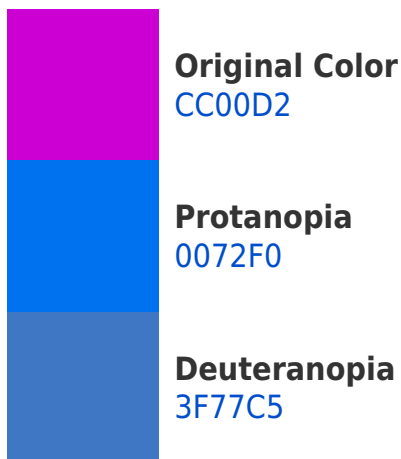


This preview shows how white text looks on a background with the Hex color CC00D2.

# 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**  
CC00D2



**Protanomaly**  
4A49E5



**Deuteranomaly**  
724CCA



**Tritanomaly**  
C33484

# Monochromacy



**Original Color**  
CC00D2



**Achromatopsia**  
555555



**Achromatomaly**  
803682

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CC00D2 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 #CC00D2 looks like.

```
.text, #text, p{  
    color:#CC00D2  
}
```

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 #CC00D2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CC00D2
}
```

## Border

The CSS property to change the border of an element to Hex CC00D2 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
#CC00D2 }
```

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

```
.border{ border-color:#CC00D2 }
```

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

Here you see how a box with a 4 pixel #CC00D2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CC00D2; -webkit-box-shadow:4px 4px  
4px 4px #CC00D2; box-shadow:4px 4px 4px  
4px #CC00D2 }
```

# Background

The CSS property to change the background color of an element to Hex CC00D2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CC00D2 }
```

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

```
.background{ background-color:#CC00D2 }
```

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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