

Converting Colors

Hex(CD00BD)

Have a look what the booklet for
Hex(CD00BD) contains.

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Color

Hex(CD00BD)

Conversions

Conversions Part 1

Format	Color
Hex	CD00BD
RGB	205, 0, 189
RGB Percent	80%, 0%, 74%
CMY	0.1961, 1.0000, 0.2588
CMYK	0.00, 1.00, 0.08, 0.20
HSL	305°, 100%, 40%
HSV	305°, 100%, 80%
XYZ	34.3621, 16.6533, 49.5474
YIQ	82.8410, 61.5110, 102.2390

Conversions

Conversions Part 2

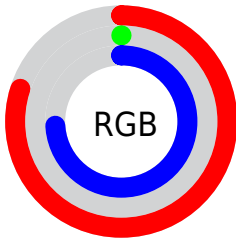
Format	Color
RYB	205, 0, 189
Decimal	13435069
CIELab	47.82, 81.11, -43.80
CIELCh	48, 92.176, 331.630
Yxy	16.6533, 0.3417, 0.1656
Android (android.graphics.Color)	4291625149 (0xFFCD00BD)
YUV	82.8410, 52.3364, 107.1334
Hunter-Lab	40.8084, 78.8887, -43.4209

Details

The Hex color **CD00BD** 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 **00CD10**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **FF5CF6**, and **920087** is the 20% darker color. If you saturate the color by 10%, you get **CD00BD**, and if you desaturate by 10%, it is **CD14BF**.

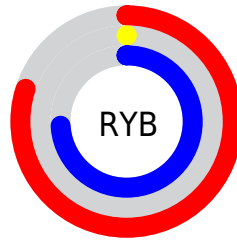
Distribution



Red (80%)

Green (0%)

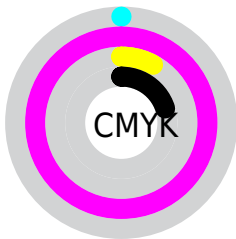
Blue (74%)



Red (80%)

Yellow (0%)

Blue (74%)

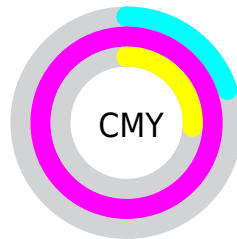


Cyan (0%)

Magenta (100%)

Yellow (8%)

Black (20%)



Cyan (20%)

Magenta (100%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Hex color CD00BD 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 CD00BD by changing the saturation by 10% instead.

 CD00BD

 CD00BD

FFFFFF

 AF00A2

 FF5CF6

 920087

 FF7BFF

 75006D

 FF99FF

 580054

 FFB7FF

 3E003C

 FFD5FF

 1F0025

 FFF3FF

 00010D

 000000

 CD00BD

 CD14BF

 CD29C0

 CD3EC2

 CD52C3

 CD67C5

 CD7BC7

 CD90C8

 CDA4CA

 CDB9CB

Harmonies

Analogous

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



6259F9



CD00BD



F10071

Triad

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



CD00BD



877000



0090C2

Complementary

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



CD00BD



00CD10

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.



008F74



CD00BD



308300

Square

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



CD00BD



C24D00



008C1B



008CFC

Rectangle

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



CD00BD



F0003F



008C1B



0090A9

Sweetspot

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



CD00BD



FFB3F9



0E00CD



80527C



000000



808080

Same Dimension

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



CD00BD



FF00EB



CD0059



665C65



A60099



260023

Inverse Universe

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



CD00BD



FF00EB



00CD74



665C65



A60099



260023

Previews

White Background



This preview shows how the Hex color CD00BD looks on a white background.

Color Contrast Check

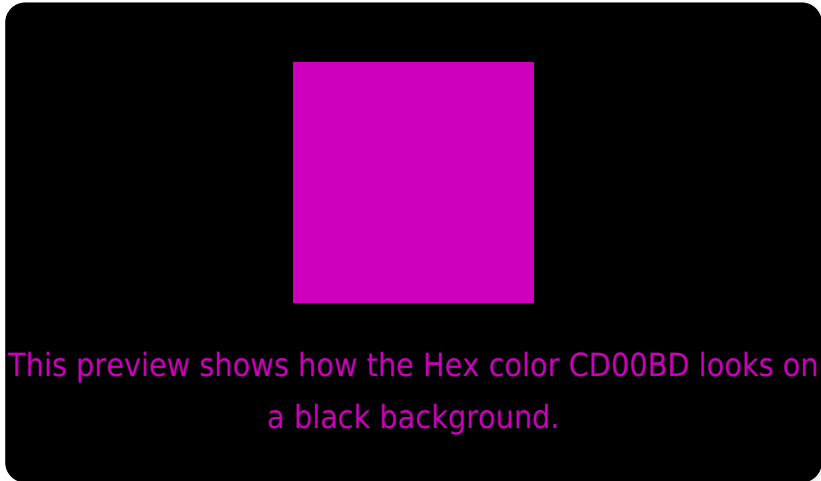
Large Text (above 18pt) WCAG AA ✓ Pass

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

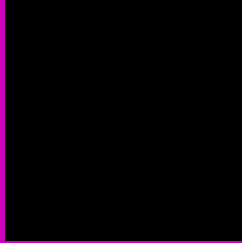
Any Text WCAG AA × Fail

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 CD00BD Background



This preview shows how black text looks on a background with the Hex color CD00BD.



This preview shows how white text looks on a background with the Hex color CD00BD.

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



Original Color
CD00BD

Protanopia
006FEC

Deuteranopia
5473B2



Tritanopia
C24A4F

Trichromacy



Original Color
CD00BD



Protanomaly
4B47DB



Deuteranomaly
8049B6



Tritanomaly
C62F77

Monochromacy



Original Color
CD00BD



Achromatopsia
535353



Achromatomaly
7F357A

CSS Examples

Text

The CSS property to change the color of the text to Hex CD00BD 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 #CD00BD looks like.

```
.text, #text, p{  
    color:#CD00BD  
}
```

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 #CD00BD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CD00BD }  
}
```

Border

The CSS property to change the border of an element to Hex CD00BD 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 #CD00BD }  
}
```

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

```
.border{ border-color:#CD00BD }
```

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

Here you see how a box with a 4 pixel #CD00BD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CD00BD; -webkit-box-shadow:4px 4px  
4px 4px #CD00BD; box-shadow:4px 4px 4px  
4px #CD00BD }
```

Background

The CSS property to change the background color of an element to Hex CD00BD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CD00BD }
```

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

```
.background{ background-color:#CD00BD }
```

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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