

Converting Colors

Hex(CD00CD)

Have a look what the booklet for
Hex(CD00CD) contains.

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Color

Hex(CD00CD)

Conversions

Conversions Part 1

Format	Color
Hex	CD00CD
RGB	205, 0, 205
RGB Percent	80%, 0%, 80%
CMY	0.1961, 1.0000, 0.1961
CMYK	0.00, 1.00, 0.00, 0.20
HSL	300°, 100%, 40%
HSV	300°, 100%, 80%
XYZ	36.1963, 17.3869, 59.2059
YIQ	84.6650, 56.3750, 107.2150

Conversions

Conversions Part 2

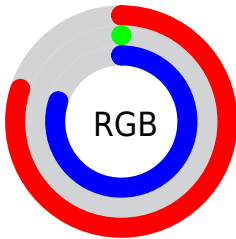
Format	Color
R_{YB}	205, 0, 205
Decimal	13435085
CIE _{Lab}	48.74, 83.35, -51.61
CIE _{LCh}	49, 98.038, 328.233
Yxy	17.3869, 0.3209, 0.1542
Android (android.graphics.Color)	4291625165 (0xFFCD00CD)
YUV	84.6650, 59.3252, 105.5338
Hunter-Lab	41.6976, 81.9789, -54.9967

Details

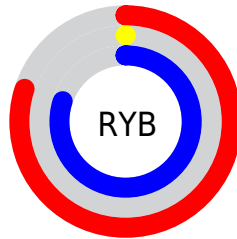
The Hex color **CD00CD** is a dark color, and the websafe version is hex **CC00CC**. The color can be described as middle washed magenta. A complement of this color would be **00CD00**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **FF5DFF**, and **920096** is the 20% darker color. If you saturate the color by 10%, you get **CD00CD**, and if you desaturate by 10%, it is **CD14CD**.

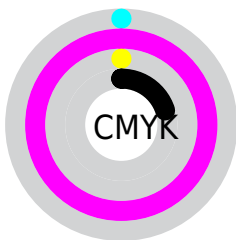
Distribution



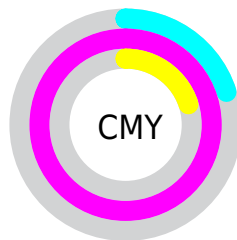
- Red (80%)
- Green (0%)
- Blue (80%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the Hex color CD00CD 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 CD00CD by changing the saturation by 10% instead.

 CD00CD

 CD00CD

FFFFFF

 AF00B1

 FF5DFF

 920096

 FF7CFF

 75007B

 FF9AFF

 580062

 FFB8FF

 3D0049

 FFD6FF

 1E0031

 FFF5FF

 00011B

 000000

 CD00CD

 CD14CD

 CD29CD

 CD3ECD

 CD52CD

 CD67CD

 CD7BCD

 CD90CD

 CDA4CD

 CDB9CD

Harmonies

Analogous

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



4260FF



CD00CD



F9007D

Triad

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



CD00CD



927000



0094C1

Complementary

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



CD00CD



00CD00

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.



00936C



CD00CD



3B8500

Square

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



CD00CD



CF4500



008E00



0091FF

Rectangle

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



CD00CD



FB0047



008E00



0094A6

Sweetspot

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



CD00CD



FFB3FF



0000CD



805280



000000



808080

Same Dimension

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



CD00CD



FF00FF



CD0067



665C66



A600A6



260026

Inverse Universe

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



CD00CD



FF00FF



00CD67



665C66



A600A6



260026

Previews

White Background



This preview shows how the Hex color CD00CD looks on a white background.

Color Contrast Check

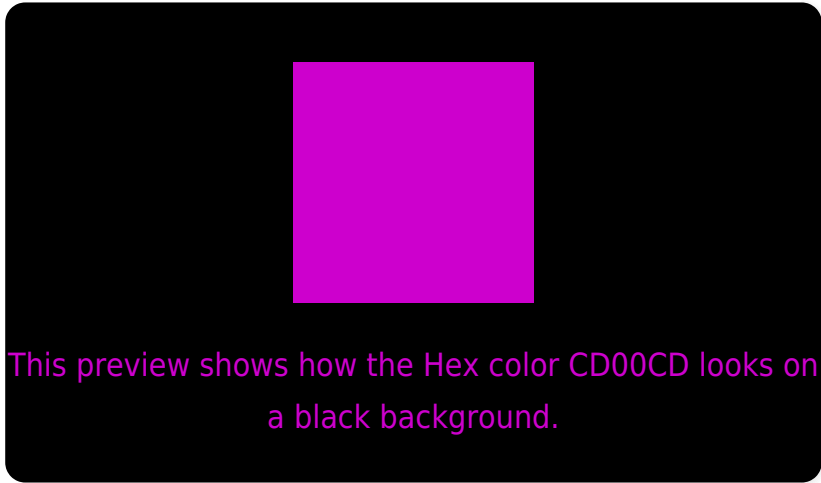
Large Text (above 18pt) WCAG AA ✓ Pass

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

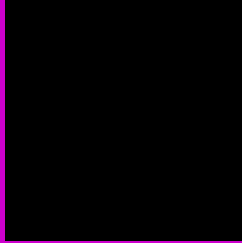
Any Text WCAG AA × Fail

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 CD00CD Background



This preview shows how black text looks on a background with the Hex color CD00CD.



This preview shows how white text looks on a background with the Hex color CD00CD.

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
CD00CD

Protanopia
0071F0

Deuteranopia
4676C1



Tritanopia
C05156

Trichromacy



Original Color
CD00CD



Protanomaly
4B48E3



Deuteranomaly
774BC5



Tritanomaly
C53481

Monochromacy



Original Color
CD00CD



Achromatopsia
555555



Achromatomaly
813681

CSS Examples

Text

The CSS property to change the color of the text to Hex CD00CD 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 #CD00CD looks like.

```
.text, #text, p{  
    color:#CD00CD  
}
```

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 #CD00CD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CD00CD
}
```

Border

The CSS property to change the border of an element to Hex CD00CD 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
#CD00CD }
```

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

```
.border{ border-color:#CD00CD }
```

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

Here you see how a box with a 4 pixel #CD00CD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CD00CD; -webkit-box-shadow:4px 4px  
4px 4px #CD00CD; box-shadow:4px 4px 4px  
4px #CD00CD }
```

Background

The CSS property to change the background color of an element to Hex CD00CD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CD00CD }
```

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

```
.background{ background-color:#CD00CD }
```

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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