

Converting Colors

Hex(CC0BD9)

Have a look what the booklet for
Hex(CC0BD9) contains.

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Color

Hex(CC0BD9)

Conversions

Conversions Part 1

Format	Color
Hex	CC0BD9
RGB	204, 11, 217
RGB Percent	80%, 4%, 85%
CMY	0.2000, 0.9569, 0.1490
CMYK	0.06, 0.95, 0.00, 0.15
HSL	296°, 90%, 45%
HSV	296°, 95%, 85%
XYZ	37.5459, 18.0865, 67.1578
YIQ	92.1910, 48.9020, 104.9820

Conversions

Conversions Part 2

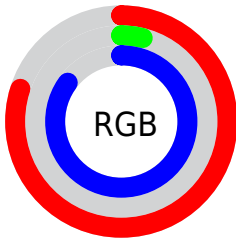
Format	Color
R_{YB}	204, 11, 217
Decimal	13372377
CIE _{Lab}	49.60, 84.11, -57.14
CIE _{LCh}	50, 101.681, 325.809
Yxy	18.0865, 0.3058, 0.1473
Android (android.graphics.Color)	4291562457 (0xFFCC0BD9)
YUV	92.1910, 61.5308, 98.0565
Hunter-Lab	42.5282, 83.1639, -63.8572

Details

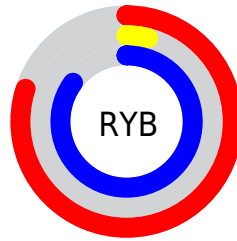
The Hex color **CC0BD9** is a dark color, and the websafe version is hex **CC00CC**. The color can be described as middle washed magenta. A complement of this color would be **18D90B**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **FF60FF**, and **9100A1** is the 20% darker color. If you saturate the color by 10%, you get **CB00D9**, and if you desaturate by 10%, it is **CD21D9**.

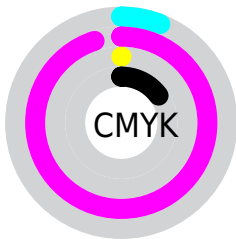
Distribution



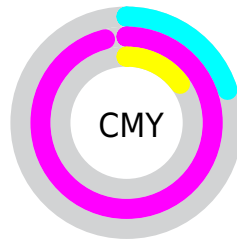
- Red (80%)
- Green (4%)
- Blue (85%)



- Red (80%)
- Yellow (4%)
- Blue (85%)



- Cyan (6%)
- Magenta (95%)
- Yellow (0%)
- Black (15%)



- Cyan (20%)
- Magenta (96%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color CC0BD9 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 CC0BD9 by changing the saturation by 10% instead.

 CC0BD9

 CC0BD9

FFFFFF

 AE00BD

 FF60FF

 9100A1

 FF7FFF

 730086

 FF9DFF

 56006C

 FFBBFF

 3C0053

 FFD9FF

 1B003B

 FFF7FF

 000224

 00000B

 000000

 CC0BD9

 CC0BD9

 CB00D9

 CD21D9

 CF36D9

 D04CD9

 D162D9

 D378D9

 D48DD9

 D6A3D9

 D7B9D9

 D8CED9

Harmonies

Analogous

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



0765FF



CC0BD9



FF0086

Triad

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



CC0BD9



9A6F00



0097C0

Complementary

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



CC0BD9



18D90B

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.



009567



CC0BD9



438600

Square

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



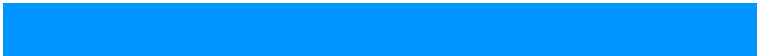
CC0BD9



D83F00



009100



0094FF

Rectangle

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



CC0BD9



FF004E



009100



0097A3

Sweetspot

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



CC0BD9



FAB8FF



0B19D9



7D5480



000000



808080

Same Dimension

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



CC0BD9



EF00FF



D90B80



6D636E



A200AD



2B002E

Inverse Universe

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



D90B18



FF0010



0BD964



6E6363



AD000B



2E0003

Previews

White Background



This preview shows how the Hex color CC0BD9 looks on a white background.

Color Contrast Check

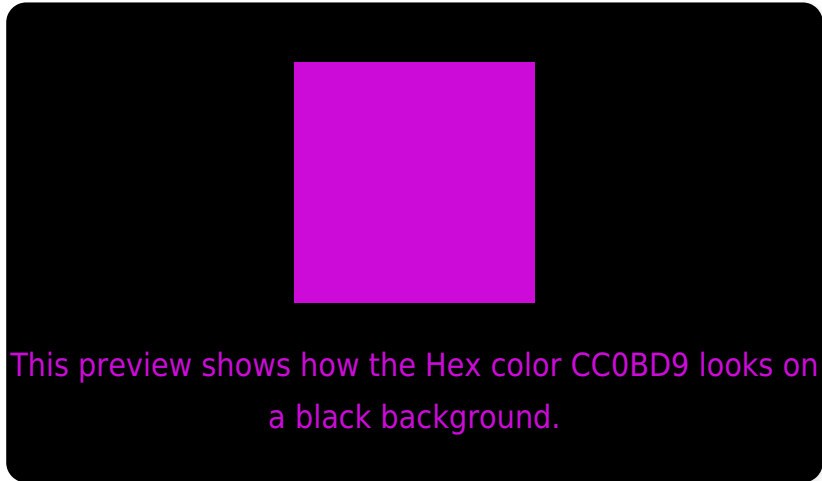
Large Text (above 18pt) WCAG AA ✓ Pass

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

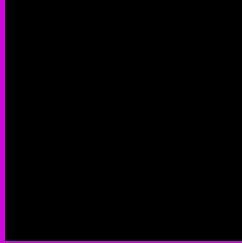
Any Text WCAG AA ✓ Pass

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 CC0BD9 Background



This preview shows how black text looks on a background with the Hex color CC0BD9.




This preview shows how white text looks on a background with the Hex color CC0BD9.

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
BD565B

Trichromacy



Original Color
CC0BD9



Protanomaly
4A4DEA



Deuteranomaly
6D50D1



Tritanomaly
C23B89

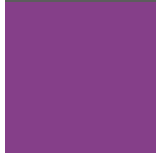
Monochromacy



Original Color
CC0BD9



Achromatopsia
5C5C5C



Achromatomaly
853F89

CSS Examples

Text

The CSS property to change the color of the text to Hex CC0BD9 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 #CC0BD9 looks like.

```
.text, #text, p{  
    color:#CC0BD9  
}
```

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 #CC0BD9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CC0BD9
}
```

Border

The CSS property to change the border of an element to Hex CC0BD9 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
#CC0BD9 }
```

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

```
.border{ border-color:#CC0BD9 }
```

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

Here you see how a box with a 4 pixel #CC0BD9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CC0BD9; -webkit-box-shadow:4px 4px  
4px 4px #CC0BD9; box-shadow:4px 4px 4px  
4px #CC0BD9 }
```

Background

The CSS property to change the background color of an element to Hex CC0BD9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CC0BD9 }
```

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

```
.background{ background-color:#CC0BD9 }
```

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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