

Converting Colors

Hex(D00CA9)

Have a look what the booklet for
Hex(D00CA9) contains.

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Color

Hex(D00CA9)

Conversions

Conversions Part 1

Format	Color
Hex	D00CA9
RGB	208, 12, 169
RGB Percent	82%, 5%, 66%
CMY	0.1843, 0.9529, 0.3373
CMYK	0.00, 0.94, 0.19, 0.18
HSL	312°, 89%, 43%
HSV	312°, 94%, 82%
XYZ	33.3053, 16.5374, 38.9728
YIQ	88.5020, 66.4190, 90.3790

Conversions

Conversions Part 2

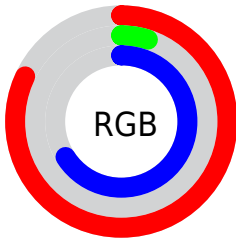
Format	Color
R_{YB}	208, 12, 169
Decimal	13634729
CIE _{Lab}	47.67, 78.05, -32.22
CIE _{LCh}	48, 84.445, 337.567
Yxy	16.5374, 0.3750, 0.1862
Android (android.graphics.Color)	4291824809 (0xFFD00CA9)
YUV	88.5020, 39.6855, 104.7997
Hunter-Lab	40.6662, 75.0243, -28.3547

Details

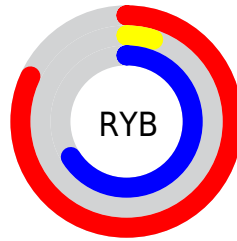
The Hex color **D00CA9** is a dark color, and the websafe version is hex **CC0099**. The color can be described as dark washed rose. A complement of this color would be **0CD033**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **FF5EE1**, and **950074** is the 20% darker color. If you saturate the color by 10%, you get **D000A7**, and if you desaturate by 10%, it is **D021AD**.

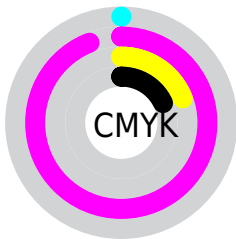
Distribution



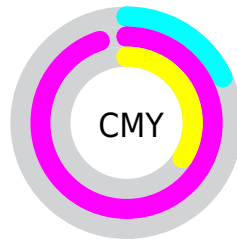
- Red (82%)
- Green (5%)
- Blue (66%)



- Red (82%)
- Yellow (5%)
- Blue (66%)



- Cyan (0%)
- Magenta (94%)
- Yellow (19%)
- Black (18%)



- Cyan (18%)
- Magenta (95%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Hex color D00CA9 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 D00CA9 by changing the saturation by 10% instead.

 D00CA9

 D00CA9

FFFFFF

 B2008E

 FF5EE1

 950074

 FF7DFD

 78005B

 FF9BFF

 5B0043

 FFB8FF

 40002D

 FFD6FF

 220017

 FFF5FF

 000000

 D00CA9

 D00CA9

 D000A7

 D021AD

 D036B1

 D04AB5

 D05FBA

 D074BE

 D089C2

 D09EC6

 D0B2CA

 D0C7CE

Harmonies

Analogous

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



8253E4



D00CA9



E90063

Triad

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



D00CA9



7A7400



008DC7

Complementary

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



D00CA9



0CD033

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.



008E82



D00CA9



1F8400

Square

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



D00CA9



B45800



008B36



0087F6

Rectangle

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



D00CA9



E40035



008B36



008EB2

Sweetspot

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



D00CA9



FFB8F1



300CD0



805477



000000



808080

Same Dimension

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



D00CA9



FF00CC



D00C4A



695E66



A80087



290021

Inverse Universe

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



D00CA9



FF00CC



0CD092



695E66



A80087



290021

Previews

White Background



This preview shows how the Hex color D00CA9 looks on a white background.

Color Contrast Check

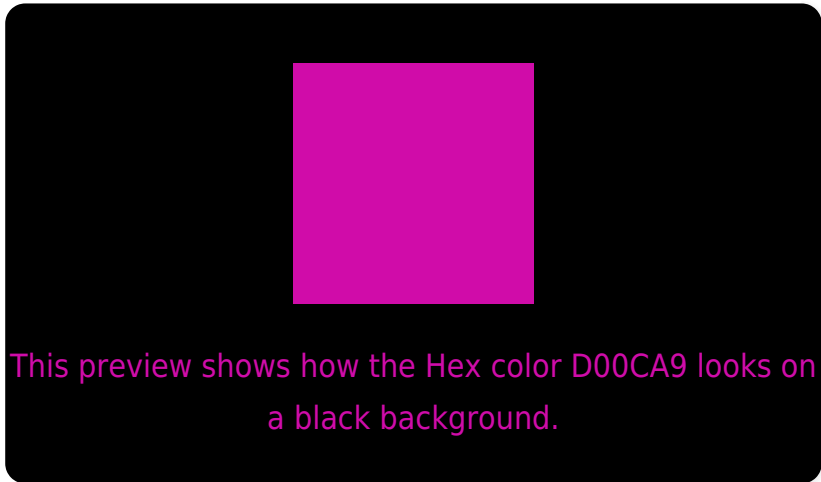
Large Text (above 18pt) WCAG AA ✓ Pass

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

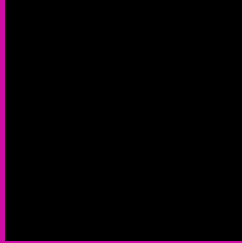
Any Text WCAG AA × Fail

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 D00CA9 Background



This preview shows how black text looks on a background with the Hex color D00CA9.



This preview shows how white text looks on a background with the Hex color D00CA9.

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
C84347

Trichromacy



Original Color
D00CA9



Protanomaly
4C4AD3



Deuteranomaly
8B4CA2



Tritanomaly
CB2F6B

Monochromacy



Original Color
D00CA9



Achromatopsia
595959



Achromatomaly
843D76

CSS Examples

Text

The CSS property to change the color of the text to Hex D00CA9 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 #D00CA9 looks like.

```
.text, #text, p{  
    color:#D00CA9  
}
```

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 #D00CA9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D00CA9
}
```

Border

The CSS property to change the border of an element to Hex D00CA9 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
#D00CA9 }
```

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

```
.border{ border-color:#D00CA9 }
```

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

Here you see how a box with a 4 pixel #D00CA9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D00CA9; -webkit-box-shadow:4px 4px  
4px 4px #D00CA9; box-shadow:4px 4px 4px  
4px #D00CA9 }
```

Background

The CSS property to change the background color of an element to Hex D00CA9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D00CA9 }
```

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

```
.background{ background-color:#D00CA9 }
```

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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