

Converting Colors

Hex(D00DB9)

Have a look what the booklet for
Hex(D00DB9) contains.

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Color

Hex(D00DB9)

Conversions

Conversions Part 1

Format	Color
Hex	D00DB9
RGB	208, 13, 185
RGB Percent	82%, 5%, 73%
CMY	0.1843, 0.9490, 0.2745
CMYK	0.00, 0.94, 0.11, 0.18
HSL	307°, 88%, 43%
HSV	307°, 94%, 82%
XYZ	34.9133, 17.2005, 47.3788
YIQ	90.9130, 61.0080, 94.8320

Conversions

Conversions Part 2

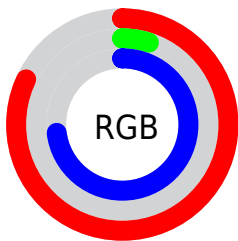
Format	Color
R_{YB}	208, 13, 185
Decimal	13635001
CIE _{Lab}	48.51, 80.02, -40.33
CIE _{LCh}	49, 89.606, 333.252
Yxy	17.2005, 0.3509, 0.1729
Android (android.graphics.Color)	4291825081 (0xFFD00DB9)
YUV	90.9130, 46.3849, 102.6853
Hunter-Lab	41.4735, 77.6865, -38.7007

Details

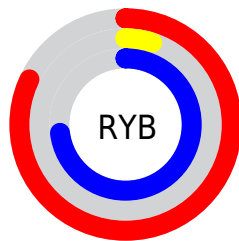
The Hex color **D00DB9** is a dark color, and the websafe version is hex **CC33CC**. The color can be described as middle washed rose. A complement of this color would be **0DD024**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **FF5FF2**, and **950083** is the 20% darker color. If you saturate the color by 10%, you get **D000B7**, and if you desaturate by 10%, it is **D022BB**.

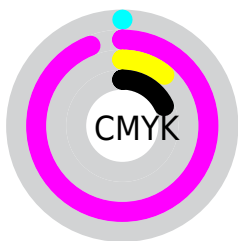
Distribution



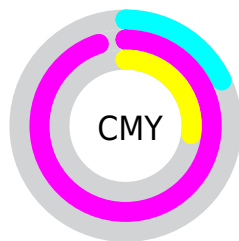
- Red (82%)
- Green (5%)
- Blue (73%)



- Red (82%)
- Yellow (5%)
- Blue (73%)



- Cyan (0%)
- Magenta (94%)
- Yellow (11%)
- Black (18%)



- Cyan (18%)
- Magenta (95%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color D00DB9 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 D00DB9 by changing the saturation by 10% instead.

 D00DB9

 D00DB9

FFFFFF

 B2009E

 FF5FF2

 950083

 FF7EFF

 78006A

 FF9CFF

 5B0051

 FFBAFF

 410039

 FFD8FF

 230023

 FFF6FF

 000008

 000000

 D00DB9

 D00DB9

 D000B7

 D022BB

 D037BE

 D04BC0

 D060C3

 D075C5

 D08AC8

 D09FCA

 D0B3CD

 D0C8CF

Harmonies

Analogous

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



7059F4



D00DB9



F1006F

Triad

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



D00DB9



867300



0091C6

Complementary

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



D00DB9



0DD024

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.



00917A



D00DB9



2F8500

Square

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



D00DB9



C05200



008D26



008CFC

Rectangle

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



D00DB9



EF003E



008D26



0091AE

Sweetspot

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



D00DB9



FFB8F7



240DD0



80547A



000000



808080

Same Dimension

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



D00DB9



FF00E1



D00D58



695E67



A80094



290024

Inverse Universe

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



D00DB9



FF00E1



0DD085



695E67



A80094



290024

Previews

White Background



This preview shows how the Hex color D00DB9 looks on a white background.

Color Contrast Check

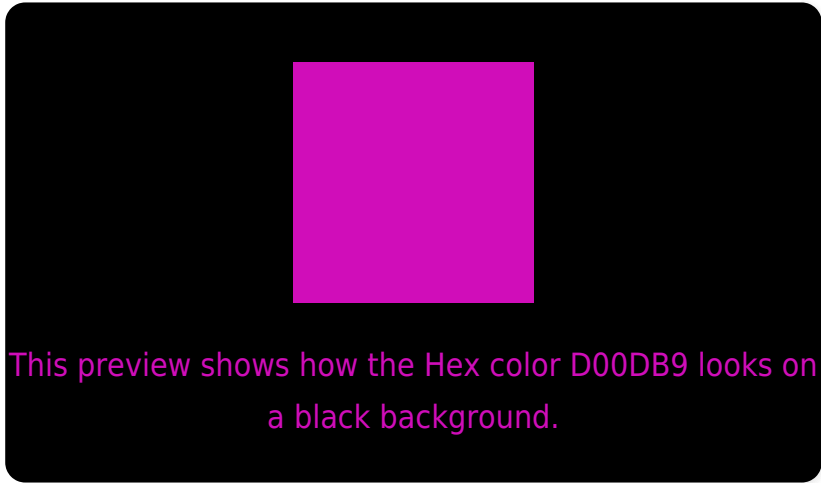
Large Text (above 18pt) WCAG AA ✓ Pass

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 D00DB9 Background



This preview shows how black text looks on a background with the Hex color D00DB9.




This preview shows how white text looks on a background with the Hex color D00DB9.

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
C6494E

Trichromacy



Original Color
D00DB9



Protanomaly
4C4CDB



Deuteranomaly
864FB2



Tritanomaly
CA3375

Monochromacy



Original Color
D00DB9



Achromatopsia
5B5B5B



Achromatomaly
863F7D

CSS Examples

Text

The CSS property to change the color of the text to Hex D00DB9 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 #D00DB9 looks like.

```
.text, #text, p{  
    color:#D00DB9  
}
```

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 #D00DB9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D00DB9
}
```

Border

The CSS property to change the border of an element to Hex D00DB9 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
#D00DB9 }
```

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

```
.border{ border-color:#D00DB9 }
```

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

Here you see how a box with a 4 pixel #D00DB9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D00DB9; -webkit-box-shadow:4px 4px  
4px 4px #D00DB9; box-shadow:4px 4px 4px  
4px #D00DB9 }
```

Background

The CSS property to change the background color of an element to Hex D00DB9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D00DB9 }
```

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

```
.background{ background-color:#D00DB9 }
```

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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