

Converting Colors

Hex(DD0C9A)

Have a look what the booklet for
Hex(DD0C9A) contains.

Hex(DD0C9A)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(DD0C9A)

Conversions

Conversions Part 1

Format	Color
Hex	DD0C9A
RGB	221, 12, 154
RGB Percent	87%, 5%, 60%
CMY	0.1333, 0.9529, 0.3961
CMYK	0.00, 0.95, 0.30, 0.13
HSL	319°, 90%, 46%
HSV	319°, 95%, 87%
XYZ	35.7830, 17.9682, 32.1541
YIQ	90.6790, 78.9820, 88.4700

Conversions

Conversions Part 2

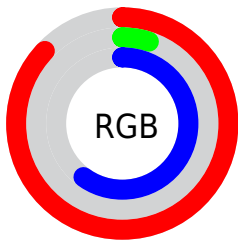
Format	Color
R_{YB}	221, 12, 154
Decimal	14486682
CIE _{Lab}	49.46, 78.89, -20.33
CIE _{LCh}	49, 81.467, 345.551
Yxy	17.9682, 0.4165, 0.2092
Android (android.graphics.Color)	4292676762 (0xFFDD0C9A)
YUV	90.6790, 31.2173, 114.2915
Hunter-Lab	42.3889, 76.5019, -15.3022

Details

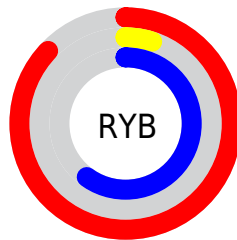
The Hex color **DD0C9A** is a dark color, and the websafe version is hex **CC0099**. The color can be described as dark washed rose. A complement of this color would be **0CDD4F**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **FF60D1**, and **A00067** is the 20% darker color. If you saturate the color by 10%, you get **DD0096**, and if you desaturate by 10%, it is **DD22A1**.

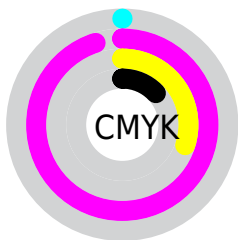
Distribution



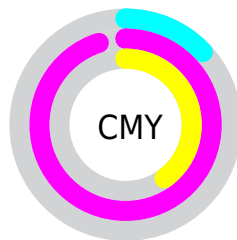
- Red (87%)
- Green (5%)
- Blue (60%)



- Red (87%)
- Yellow (5%)
- Blue (60%)



- Cyan (0%)
- Magenta (95%)
- Yellow (30%)
- Black (13%)



- Cyan (13%)
- Magenta (95%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color DD0C9A 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 DD0C9A by changing the saturation by 10% instead.

 DD0C9A

 DD0C9A

FFFFFF

 BF0080

 FF60D1

 A00067

 FF7FED

 83004F

 FF9DFF

 650037

 FFBBFF

 4A0022

 FFD9FF

 2D0007

 FFF8FF

 000000

 DD0C9A

 DD0C9A

 DD0096

 DD22A1

 DD38A8

 DD4EAF

 DD64B6

 DD7BBD

 DD91C5

 DDA7CC

 DDBDD3

 DDD3DA

Harmonies

Analogous

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



A24DD8



DD0C9A



EB0055

Triad

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



DD0C9A



6E7E00



0091D8

Complementary

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



DD0C9A



0CDD4F

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.



009299



DD0C9A



008A00

Square

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



DD0C9A



AA6600



009050



0088FD

Rectangle

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



DD0C9A



E0E28



009050



0092C5

Sweetspot

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



DD0C9A



FFB8E8



4E0CDD



805472



000000



808080

Same Dimension

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



DD0C9A



FF00AD



DD0C32



6E636A



AD0076



2E001F

Inverse Universe

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



DD0C9A



FF00AD



0CDDB7



6E636A



AD0076



2E001F

Previews

White Background



This preview shows how the Hex color DD0C9A looks on a white background.

Color Contrast Check

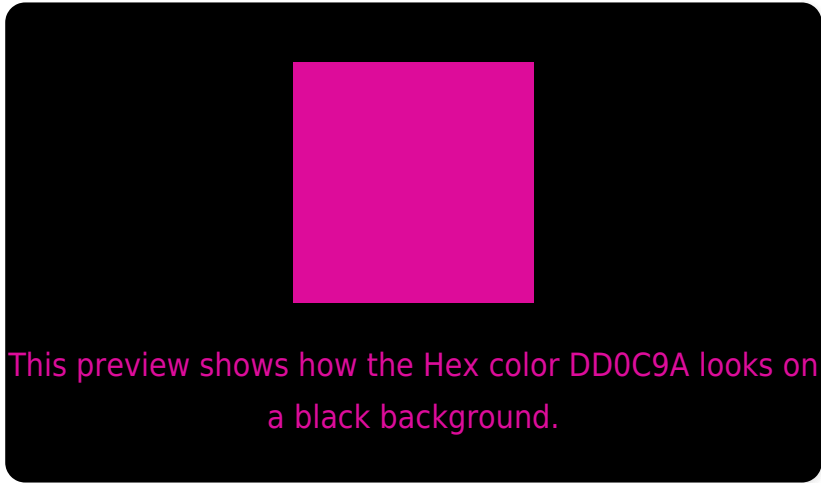
Large Text (above 18pt) WCAG AA ✓ Pass

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 DD0C9A Background



This preview shows how black text looks on a background with the Hex color DD0C9A.

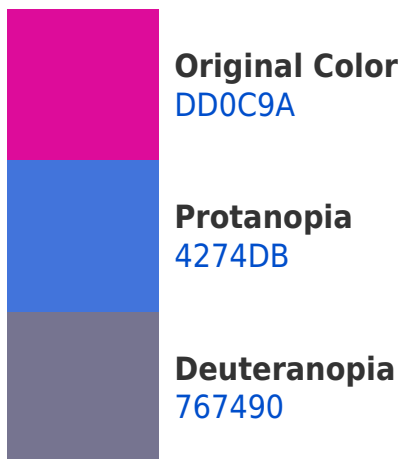


This preview shows how white text looks on a background with the Hex color DD0C9A.

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
D73D40

Trichromacy



Original Color
DD0C9A



Protanomaly
7A4EC3



Deuteranomaly
9B4E94

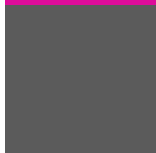


Tritanomaly
D92B61

Monochromacy



Original Color
DD0C9A



Achromatopsia
5B5B5B



Achromatomaly
8A3E72

CSS Examples

Text

The CSS property to change the color of the text to Hex DD0C9A 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 #DD0C9A looks like.

```
.text, #text, p{  
    color:#DD0C9A  
}
```

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 #DD0C9A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DD0C9A
}
```

Border

The CSS property to change the border of an element to Hex DD0C9A 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
#DD0C9A }
```

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

```
.border{ border-color:#DD0C9A }
```

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

Here you see how a box with a 4 pixel #DD0C9A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DD0C9A; -webkit-box-shadow:4px 4px  
4px 4px #DD0C9A; box-shadow:4px 4px 4px  
4px #DD0C9A }
```

Background

The CSS property to change the background color of an element to Hex DD0C9A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DD0C9A }
```

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

```
.background{ background-color:#DD0C9A }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor