

# Converting Colors

Hex(DD00AD)

Have a look what the booklet for  
Hex(DD00AD) contains.

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**Color**

**Hex(DD00AD)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DD00AD
RGB	221, 0, 173
RGB Percent	87%, 0%, 68%
CMY	0.1333, 1.0000, 0.3216
CMYK	0.00, 1.00, 0.22, 0.13
HSL	313°, 100%, 43%
HSV	313°, 100%, 87%
XYZ	37.3616, 18.3893, 41.1155
YIQ	85.8010, 76.1830, 100.6550

# Conversions

## Conversions Part 2

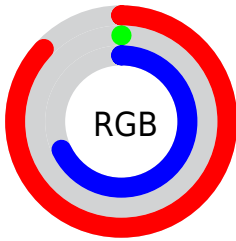
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	221, 0, 173
Decimal	14483629
CIE <sub>Lab</sub>	49.96, 81.94, -30.83
CIE <sub>LCh</sub>	50, 87.544, 339.383
Yxy	18.3893, 0.3857, 0.1898
Android (android.graphics.Color)	4292673709 (0xFFDD00AD)
YUV	85.8010, 42.9891, 118.5695
Hunter-Lab	42.8827, 80.4735, -26.8287

# Details

The Hex color **DD00AD** 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 **00DD30**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **FF5FE5**, and **A10078** is the 20% darker color. If you saturate the color by 10%, you get **DD00AD**, and if you desaturate by 10%, it is **DD16B2**.

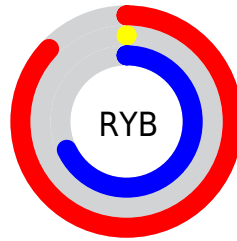
# Distribution



Red (87%)

Green (0%)

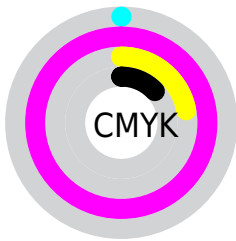
Blue (68%)



Red (87%)

Yellow (0%)

Blue (68%)

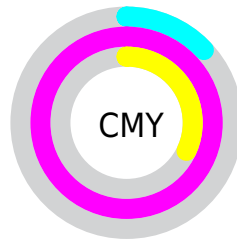


Cyan (0%)

Magenta (100%)

Yellow (22%)

Black (13%)



Cyan (13%)

Magenta (100%)

Yellow (32%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DD00AD 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 DD00AD by changing the saturation by 10% instead.



 DD00AD

 DD00AD

FFFFFF

 BF0092

 FF5FE5

 A10078

 FF7EFF

 83005F

 FF9CFF

 660047

 FFBAFF

 4B0030

 FFD9FF

 2D001A

 FFF7FF

 000000

 DD00AD

 DD16B2

 DD2CB7

 DD42BB

 DD58C0

 DD6FC5

 DD85CA

 DD9BCF

 DDB1D3

 DDC7D8

# Harmonies

## Analogous

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



9054EC



DD00AD



F40063

# Triad

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



DD00AD



7C7C00



0094D5

# Complementary

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



DD00AD



00DD30

# 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.



00958D



DD00AD



118B00

# Square

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



DD00AD



B95F00



00923E



008DFF

# Rectangle

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



DD00AD



ED0533



00923E



0095BF



# Sweetspot

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



DD00AD



FFB3EE



3000DD



805276



000000



808080



# Same Dimension

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



DD00AD



FF00C8



DD003F



6E636B



AD0088



2E0024



# Inverse Universe

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



DD00AD



FF00C8



00DD9E



6E636B



AD0088



2E0024



# Previews

## White Background



This preview shows how the Hex color DD00AD looks on a white background.

## Color Contrast Check

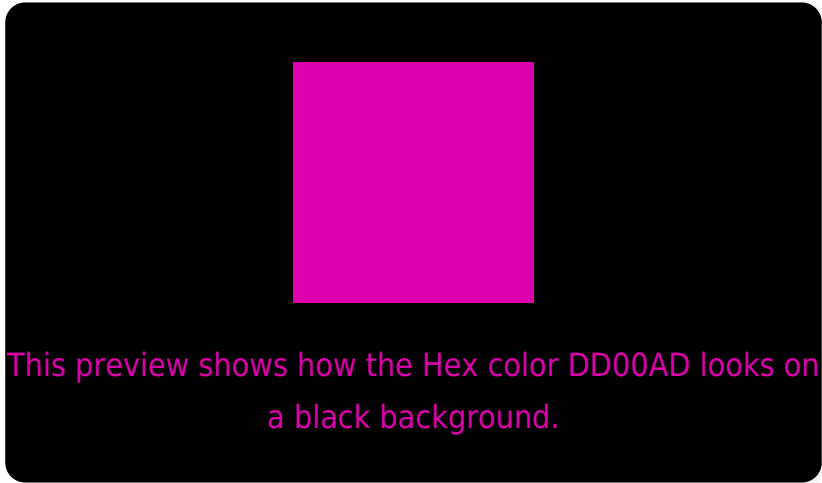
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# 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 DD00AD Background



This preview shows how black text looks on a background with the Hex color DD00AD.



This preview shows how white text looks on a background with the Hex color DD00AD.

# 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**  
DD00AD

**Protanopia**  
1774F5

**Deuteranopia**  
6D77A2



**Tritanopia**  
D54448

# Trichromacy



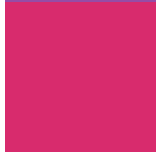
**Original Color**  
DD00AD



**Protanomaly**  
5F4ADB



**Deuteranomaly**  
964CA6



**Tritanomaly**  
D82B6D

# Monochromacy



**Original Color**  
DD00AD



**Achromatopsia**  
565656



**Achromatomaly**  
873776

# CSS Examples

## Text

The CSS property to change the color of the text to Hex DD00AD 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 #DD00AD looks like.

```
.text, #text, p{  
    color:#DD00AD  
}
```

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 #DD00AD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DD00AD
}
```

## Border

The CSS property to change the border of an element to Hex DD00AD 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
#DD00AD }
```

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

```
.border{ border-color:#DD00AD }
```

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

Here you see how a box with a 4 pixel #DD00AD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DD00AD; -webkit-box-shadow:4px 4px  
4px 4px #DD00AD; box-shadow:4px 4px 4px  
4px #DD00AD }
```

# Background

The CSS property to change the background color of an element to Hex DD00AD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DD00AD }
```

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

```
.background{ background-color:#DD00AD }
```

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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