

# Converting Colors

Hex(DD0CA2)

Have a look what the booklet for  
Hex(DD0CA2) contains.

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**Color**

**Hex(DD0CA2)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	DD0CA2
RGB	221, 12, 162
RGB Percent	87%, 5%, 64%
CMY	0.1333, 0.9529, 0.3647
CMYK	0.00, 0.95, 0.27, 0.13
HSL	317°, 90%, 46%
HSV	317°, 95%, 87%
XYZ	36.4719, 18.2437, 35.7815
YIQ	91.5910, 76.4140, 90.9580

# Conversions

## Conversions Part 2

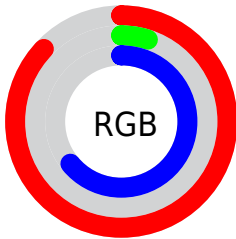
Format	Color
R <sub>YB</sub>	221, 12, 162
Decimal	14486690
CIE Lab	49.79, 79.76, -24.58
CIE LCh	50, 83.461, 342.869
Yxy	18.2437, 0.4030, 0.2016
Android (android.graphics.Color)	4292676770 (0xFFDD0CA2)
YUV	91.5910, 34.7116, 113.4917
Hunter-Lab	42.7127, 77.6718, -19.7699

# Details

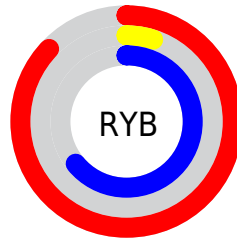
The Hex color **DD0CA2** is a dark color, and the websafe version is hex **CC0099**. The color can be described as dark washed rose. A complement of this color would be **0CDD47**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **FF61D9**, and **A1006E** is the 20% darker color. If you saturate the color by 10%, you get **DD009F**, and if you desaturate by 10%, it is **DD22A8**.

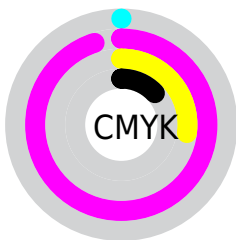
# Distribution



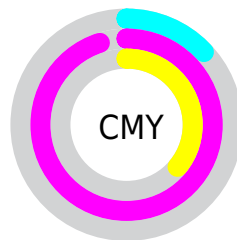
- Red (87%)
- Green (5%)
- Blue (64%)



- Red (87%)
- Yellow (5%)
- Blue (64%)



- Cyan (0%)
- Magenta (95%)
- Yellow (27%)
- Black (13%)



- Cyan (13%)
- Magenta (95%)
- Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DD0CA2 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 DD0CA2 by changing the saturation by 10% instead.



 DD0CA2

 DD0CA2

FFFFFF

 BF0088

 FF61D9

 A1006E

 FF7FF6

 830055

 FF9EFF

 66003E

 FFBCFF

 4B0028

 FFDAFF

 2D0011

 FFF8FF

 000000

 DD0CA2

 DD0CA2

 DD009F

 DD22A8

 DD38AE

 DD4EB5

 DD64BB

 DD7BC1

 DD91C7

 DDA7CE

 DDBDD4

 DDD3DA

# Harmonies

## Analogous

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



9B51E0



DD0CA2



EF005C

# Triad

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



DD0CA2



757D00



0092D7

# Complementary

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



DD0CA2



0CDD47

# 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.



009494



DD0CA2



008B00

# Square

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



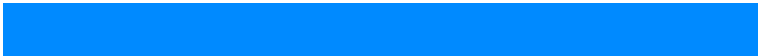
DD0CA2



B16400



009149



008AFF

# Rectangle

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



DD0CA2



E6242E



009149



0093C2



# Sweetspot

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



DD0CA2



FFB8EB



440CDD



805473



000000



808080



# Same Dimension

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



DD0CA2



FF00B7



DD0C3D



6E636B



AD007C



2E0021



# Inverse Universe

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



DD0CA2



FF00B7



0CDDAC



6E636B



AD007C



2E0021



# Previews

## White Background



This preview shows how the Hex color DD0CA2 looks on a white background.

## Color Contrast Check

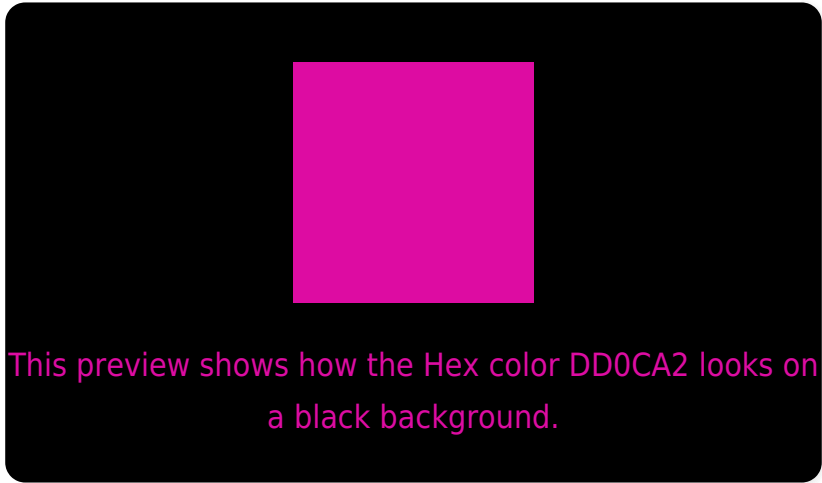
Large Text (above 18pt) WCAG AA ✓ Pass

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 DD0CA2 Background



This preview shows how black text looks on a background with the Hex color DD0CA2.

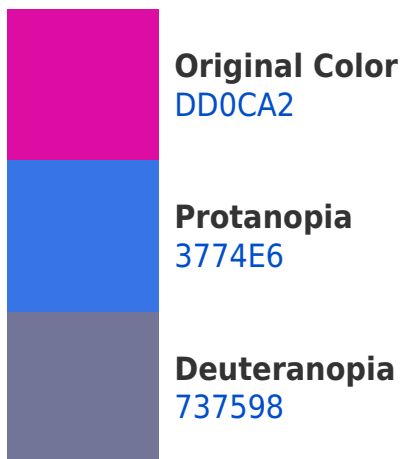


This preview shows how white text looks on a background with the Hex color DD0CA2.

# 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





# Trichromacy



**Original Color**  
DD0CA2



**Protanomaly**  
734ECD



**Deuteranomaly**  
9A4F9C



**Tritanomaly**  
D92E66

# Monochromacy



**Original Color**  
DD0CA2



**Achromatopsia**  
5C5C5C



**Achromatomaly**  
8B3F75

# CSS Examples

## Text

The CSS property to change the color of the text to Hex DD0CA2 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 #DD0CA2 looks like.

```
.text, #text, p{  
    color:#DD0CA2  
}
```

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 #DD0CA2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DD0CA2
}
```

## Border

The CSS property to change the border of an element to Hex DD0CA2 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
#DD0CA2 }
```

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

```
.border{ border-color:#DD0CA2 }
```

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

Here you see how a box with a 4 pixel #DD0CA2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DD0CA2; -webkit-box-shadow:4px 4px  
4px 4px #DD0CA2; box-shadow:4px 4px 4px  
4px #DD0CA2 }
```

# Background

The CSS property to change the background color of an element to Hex DD0CA2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DD0CA2 }
```

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

```
.background{ background-color:#DD0CA2 }
```

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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