

# Converting Colors

Hex(D06FAD)

Have a look what the booklet for  
Hex(D06FAD) contains.

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# **Color**

**Hex(D06FAD)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D06FAD
RGB	208, 111, 173
RGB Percent	82%, 44%, 68%
CMY	0.1843, 0.5647, 0.3216
CMYK	0.00, 0.47, 0.17, 0.18
HSL	322°, 51%, 63%
HSV	322°, 47%, 82%
XYZ	39.2397, 27.7959, 42.8322
YIQ	147.0710, 37.9100, 39.8460

# Conversions

## Conversions Part 2

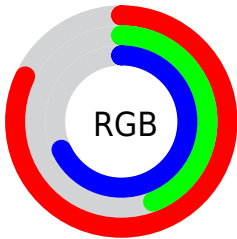
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">208, 111, 173</a>
Decimal	<a href="#">13660077</a>
CIELab	<a href="#">59.70, 46.00, -16.02</a>
CIELCh	<a href="#">60, 48.705, 340.797</a>
Yxy	<a href="#">27.7959, 0.3572, 0.2530</a>
Android (android.graphics.Color)	<a href="#">4291850157</a> ( <a href="#">0xFFD06FAD</a> )
YUV	<a href="#">147.0710, 12.7830, 53.4347</a>
Hunter-Lab	<a href="#">52.7218, 40.5904, -11.2630</a>

# Details

The Hex color **D06FAD** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **6FD092**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **FFA5E5**, and **973B79** is the 20% darker color. If you saturate the color by 10%, you get **D05AA5**, and if you desaturate by 10%, it is **D084B5**.

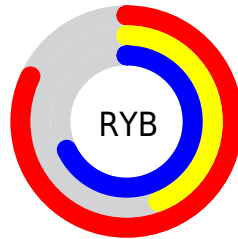
# Distribution



Red (82%)

Green (44%)

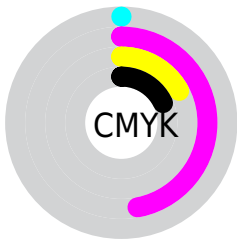
Blue (68%)



Red (82%)

Yellow (44%)

Blue (68%)

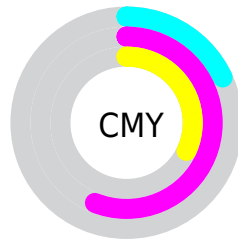


Cyan (0%)

Magenta (47%)

Yellow (17%)

Black (18%)



Cyan (18%)

Magenta (56%)

Yellow (32%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D06FAD 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 D06FAD by changing the saturation by 10% instead.



 D06FAD

 D06FAD

FFFFFF

 B35592

 FFA5E5

 973B79

 FFC1FF

 7C1F60

 FFDEFF

 610048

 FFFBFF

 470031

 31001D

 040000

 000000

 D06FAD

 D06FAD

 D05AA5

 D084B5

 D0459E

 D099BC

 D03196

 D0ADC4

 D01C8F

 D0C2CB

 D00787

 D0D7D3

 D00085

 D0ECDA

 D0FFE2

 D0FFE9

 D0FFF1

# Harmonies

## Analogous

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



A77ED1



D06FAD



E06B82

# Triad

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



D06FAD



999237



00A3C7

# Complementary

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



D06FAD



6FD092

# 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.



00A59E



D06FAD



6B9D4C

# Square

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



D06FAD



BF843D



1FA372



009CE0

# Rectangle

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



D06FAD



DD6F66



1FA372



00A4BA



# Sweetspot

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



D06FAD



FFDBF2



916FD0



806A78



000000



808080



# Same Dimension

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



D06FAD



FF70CB



D06F7E



695E65



A8006C



29001A



# Inverse Universe

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



D06FAD



FF70CB



6FD0C1



695E65



A8006C



29001A



# Previews

## White Background



This preview shows how the Hex color D06FAD looks on a white background.

## Color Contrast Check

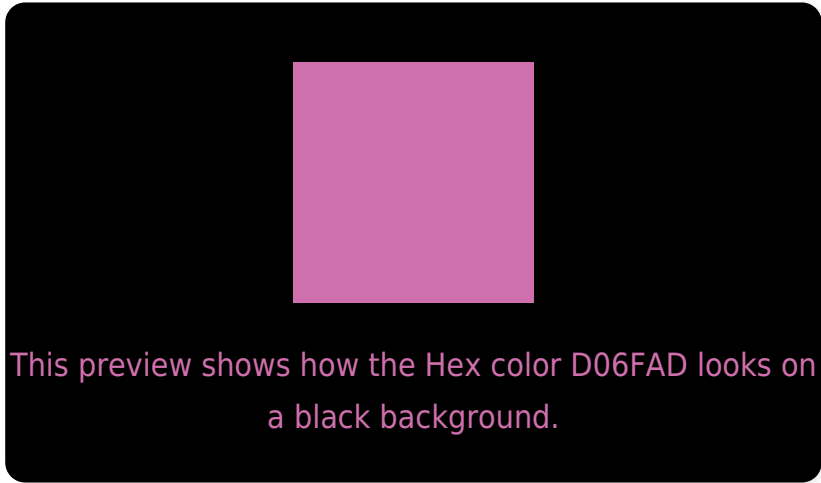
Large Text (above 18pt) WCAG AA ✓ Pass

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 D06FAD Background



This preview shows how black text looks on a background with the Hex color D06FAD.

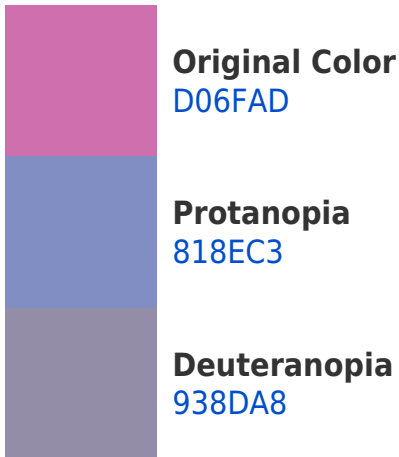


This preview shows how white text looks on a background with the Hex color D06FAD.

# 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](#).

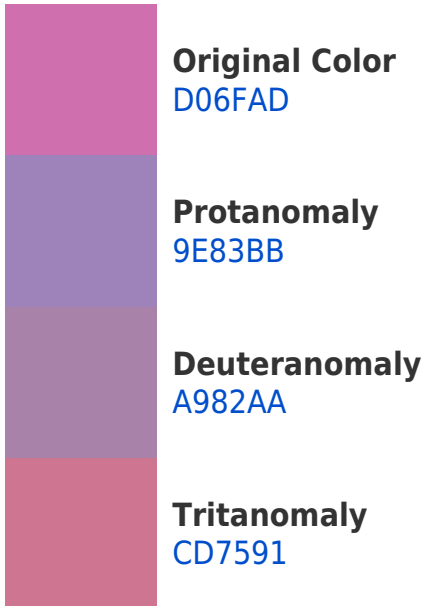
## Dichromacy





**Tritanopia**  
CB7881

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D06FAD 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 #D06FAD looks like.

```
.text, #text, p{  
    color:#D06FAD  
}
```

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 #D06FAD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D06FAD
}
```

## Border

The CSS property to change the border of an element to Hex D06FAD is called "border". The border property can be set on classes, ids or directly on the HTML element.

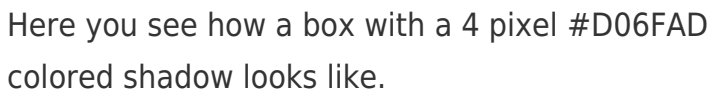
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#D06FAD }
```

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

```
.border{ border-color:#D06FAD }
```

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



Here you see how a box with a 4 pixel `#D06FAD` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D06FAD; -webkit-box-shadow:4px 4px  
4px 4px #D06FAD; box-shadow:4px 4px 4px  
4px #D06FAD }
```

# Background

The CSS property to change the background color of an element to Hex D06FAD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D06FAD }
```

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

```
.background{ background-color:#D06FAD }
```

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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