

# Converting Colors

Hex(D06BAC)

Have a look what the booklet for  
Hex(D06BAC) contains.

<b>Hex(D06BAC)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Hex(D06BAC)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D06BAC
RGB	208, 107, 172
RGB Percent	82%, 42%, 67%
CMY	0.1843, 0.5804, 0.3255
CMYK	0.00, 0.49, 0.17, 0.18
HSL	321°, 52%, 62%
HSV	321°, 49%, 82%
XYZ	38.7165, 26.9038, 42.1821
YIQ	144.6090, 39.3310, 41.6270

# Conversions

## Conversions Part 2

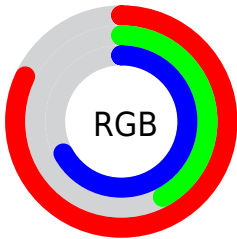
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">208, 107, 172</a>
Decimal	<a href="#">13659052</a>
CIELab	<a href="#">58.89, 47.86, -16.69</a>
CIELCh	<a href="#">59, 50.687, 340.780</a>
Yxy	<a href="#">26.9038, 0.3591, 0.2496</a>
Android (android.graphics.Color)	<a href="#">4291849132 (0xFFD06BAC)</a>
YUV	<a href="#">144.6090, 13.5038, 55.5939</a>
Hunter-Lab	<a href="#">51.8689, 42.4671, -11.9090</a>

# Details

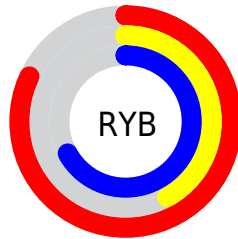
The Hex color **D06BAC** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **6BD08F**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **FFA1E3**, and **973678** is the 20% darker color. If you saturate the color by 10%, you get **D056A5**, and if you desaturate by 10%, it is **D080B3**.

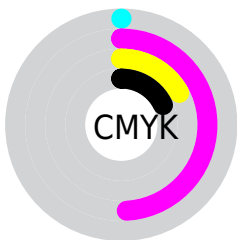
# Distribution



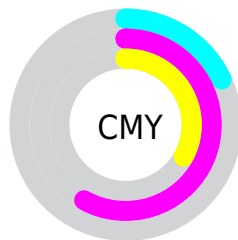
- Red (82%)
- Green (42%)
- Blue (67%)



- Red (82%)
- Yellow (42%)
- Blue (67%)



- Cyan (0%)
- Magenta (49%)
- Yellow (17%)
- Black (18%)



- Cyan (18%)
- Magenta (58%)
- Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D06BAC 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 D06BAC by changing the saturation by 10% instead.



 D06BAC

 D06BAC

FFFFFF

 B35191

 FFA1E3

 973678

 FFBDFE

 7C195F

 FFDAFF

 610047

 FFF7FF

 470030

 30001C

 000000

 D06BAC

 D06BAC

 D056A5

 D080B3

 D0419D

 D095BB

 D02D96

 D0A9C2

 D0188E

 D0BECA

 D00387

 D0D3D1

 D00086

 D0E8D8

 D0FDE0

 D0FFE7

 D0FFEF

# Harmonies

## Analogous

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



A57BD1



D06BAC



E0667F

# Triad

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



D06BAC



979030



00A2C7

# Complementary

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



D06BAC



6BD08F

# 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.



00A49D



D06BAC



679B47

# Square

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



D06BAC



BE8137



07A26F



009AE1

# Rectangle

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



D06BAC



DD6C63



07A26F



00A3BA



# Sweetspot

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



D06BAC



FFD9F1



8E6BD0



806977



000000



808080



# Same Dimension

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



D06BAC



FF6BCA



D06B7A



695E65



A8006C



29001A



# Inverse Universe

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



D06BAC



FF6BCA



6BD0C1



695E65



A8006C



29001A



# Previews

## White Background



This preview shows how the Hex color D06BAC looks on a white background.

## Color Contrast Check

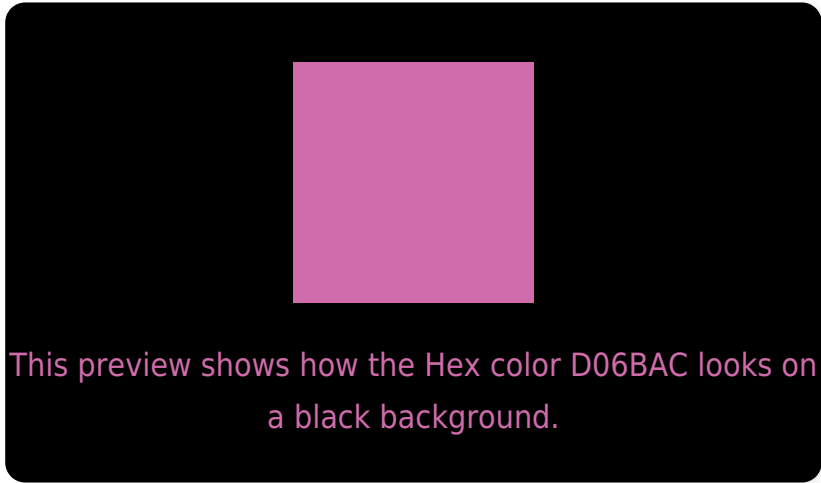
Large Text (above 18pt) WCAG AA ✓ Pass

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

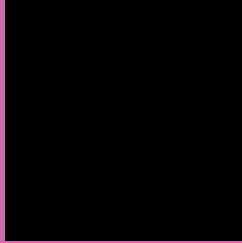
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex D06BAC Background



This preview shows how black text looks on a background with the Hex color D06BAC.

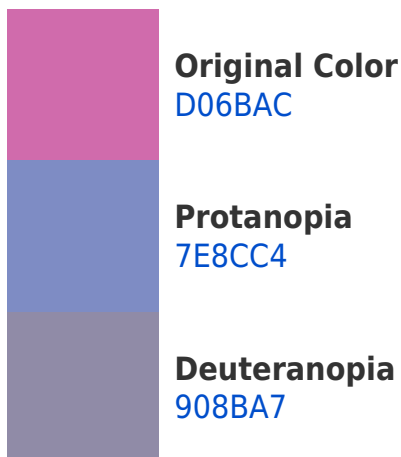


This preview shows how white text looks on a background with the Hex color D06BAC.

# 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**  
CB757D

# Trichromacy



**Original Color**  
D06BAC



**Protanomaly**  
9C80BB



**Deuteranomaly**  
A77FA9

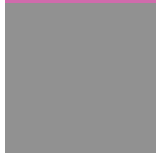


**Tritanomaly**  
CD718E

# Monochromacy



**Original Color**  
D06BAC



**Achromatopsia**  
919191



**Achromatomaly**  
A8839B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D06BAC 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 #D06BAC looks like.

```
.text, #text, p{  
    color:#D06BAC  
}
```

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 #D06BAC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D06BAC
}
```

## Border

The CSS property to change the border of an element to Hex D06BAC 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
#D06BAC }
```

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

```
.border{ border-color:#D06BAC }
```

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

Here you see how a box with a 4 pixel #D06BAC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D06BAC; -webkit-box-shadow:4px 4px  
4px 4px #D06BAC; box-shadow:4px 4px 4px  
4px #D06BAC }
```

# Background

The CSS property to change the background color of an element to Hex D06BAC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D06BAC }
```

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

```
.background{ background-color:#D06BAC }
```

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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