

# Converting Colors

Hex(D09DBF)

Have a look what the booklet for  
Hex(D09DBF) contains.

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# **Color**

**Hex(D09DBF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D09DBF
RGB	208, 157, 191
RGB Percent	82%, 62%, 75%
CMY	0.1843, 0.3843, 0.2510
CMYK	0.00, 0.25, 0.08, 0.18
HSL	320°, 35%, 72%
HSV	320°, 25%, 82%
XYZ	47.4734, 41.2854, 54.7570
YIQ	176.1250, 19.4820, 21.3860

# Conversions

## Conversions Part 2

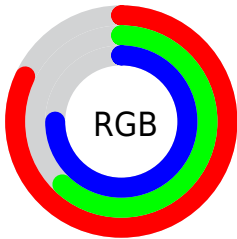
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	208, 157, 191
Decimal	13671871
CIE <sub>Lab</sub>	70.38, 24.40, -10.12
CIE <sub>LCh</sub>	70, 26.419, 337.470
Yxy	41.2854, 0.3308, 0.2877
Android (android.graphics.Color)	4291861951 (0xFFD09DBF)
YUV	176.1250, 7.3334, 27.9544
Hunter-Lab	64.2537, 19.4393, -5.5493

# Details

The Hex color **D09DBF** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **9DD0AE**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **FFD4F7**, and **99698A** is the 20% darker color. If you saturate the color by 10%, you get **D088B8**, and if you desaturate by 10%, it is **D0B2C6**.

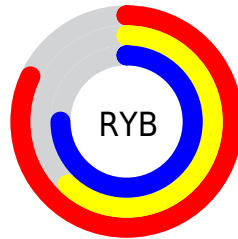
# Distribution



Red (82%)

Green (62%)

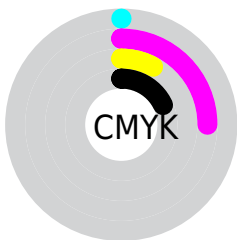
Blue (75%)



Red (82%)

Yellow (62%)

Blue (75%)

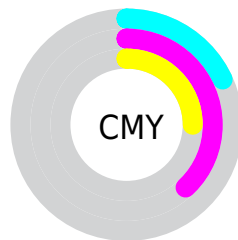


Cyan (0%)

Magenta (25%)

Yellow (8%)

Black (18%)



Cyan (18%)

Magenta (38%)

Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D09DBF 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 D09DBF by changing the saturation by 10% instead.



 D09DBF

FFFFFF

 FFD4F7

 FFF0FF

 D09DBF

 B483A4

 99698A

 7F5170

 653958

 4C2240

 350C2A

 220016

 000000

 D09DBF

 D09DBF

 D088B8

 D0B2C6

 D073B1

 D0C7CD

 D05FAA

 D0DBD4

 D04AA3

 D0F0DB

 D0359C

 D0FFE2

 D02095

 D0FFE9

 D00B8E

 D0FFF0

 D0008B

 D0FFF6

 D0FFFD

# Harmonies

## Analogous

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



B7A4D2



D09DBF



DC9BA7

# Triad

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



D09DBF



B8AC7C



65B8C8

# Complementary

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



D09DBF



9DD0AE

# 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.



6BBAB1



D09DBF



9DB385

# Square

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



D09DBF



CDA480



82B899



76B4D8

# Rectangle

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



D09DBF



DC9C97



82B899



64B9C1



# Sweetspot

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



D09DBF



FFEDF9



AE9DD0



80757C



000000



808080



# Same Dimension

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



D09DBF



FFB5E6



D09DA6



695E65



A80070



29001B



# Inverse Universe

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



D09DBF



FFB5E6



9DD0C7



695E65



A80070

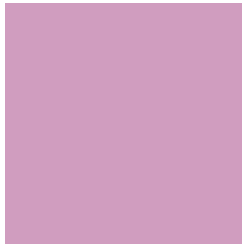


29001B



# Previews

## White Background



This preview shows how the Hex color D09DBF looks on a white background.

## Color Contrast Check

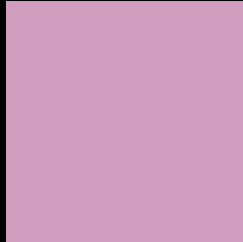
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color D09DBF looks on a 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 ✓ Pass

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



## Hex D09DBF Background



This preview shows how black text looks on a background with the Hex color D09DBF.

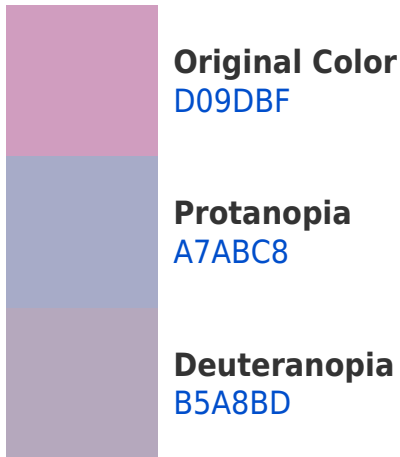


This preview shows how white text looks on a background with the Hex color D09DBF.

# 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**  
D09DBF

**Protanomaly**  
B6A6C5

**Deuteranomaly**  
BFA4BE

**Tritanomaly**  
CF9FB4

# Monochromacy



**Original Color**  
D09DBF

**Achromatopsia**  
B0B0B0

**Achromatomaly**  
BCA9B5

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D09DBF 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 #D09DBF looks like.

```
.text, #text, p{  
    color:#D09DBF  
}
```

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 #D09DBF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D09DBF
}
```

## Border

The CSS property to change the border of an element to Hex D09DBF 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
#D09DBF }
```

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

```
.border{ border-color:#D09DBF }
```

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

Here you see how a box with a 4 pixel #D09DBF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D09DBF; -webkit-box-shadow:4px 4px  
4px 4px #D09DBF; box-shadow:4px 4px 4px  
4px #D09DBF }
```

# Background

The CSS property to change the background color of an element to Hex D09DBF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D09DBF }
```

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

```
.background{ background-color:#D09DBF }
```

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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