

# Converting Colors

Hex(DB9AD0)

Have a look what the booklet for  
Hex(DB9AD0) contains.

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# **Color**

**Hex(DB9AD0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DB9AD0
RGB	219, 154, 208
RGB Percent	86%, 60%, 82%
CMY	0.1412, 0.3961, 0.1843
CMYK	0.00, 0.30, 0.05, 0.14
HSL	310°, 47%, 73%
HSV	310°, 30%, 86%
XYZ	52.1542, 42.7253, 65.1725
YIQ	179.5910, 21.4060, 30.5740

# Conversions

## Conversions Part 2

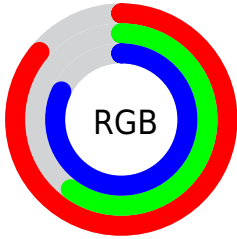
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	219, 154, 208
Decimal	14392016
CIE Lab	71.37, 32.76, -17.92
CIE LCh	71, 37.335, 331.323
Yxy	42.7253, 0.3259, 0.2669
Android (android.graphics.Color)	4292582096 (0xFFDB9AD0)
YUV	179.5910, 14.0056, 34.5617
Hunter-Lab	65.3646, 28.0364, -13.3605

# Details

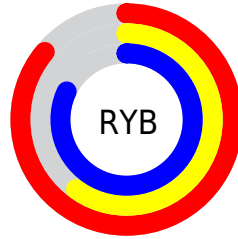
The Hex color **DB9AD0** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **9ADBA5**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **FFD1FF**, and **A3669A** is the 20% darker color. If you saturate the color by 10%, you get **DB84CC**, and if you desaturate by 10%, it is **DBB0D4**.

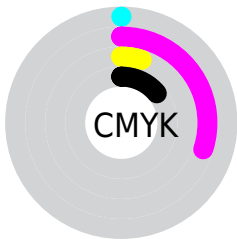
# Distribution



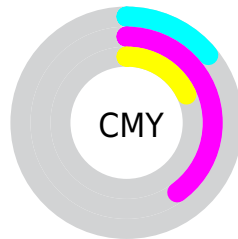
- Red (86%)
- Green (60%)
- Blue (82%)



- Red (86%)
- Yellow (60%)
- Blue (82%)



- Cyan (0%)
- Magenta (30%)
- Yellow (5%)
- Black (14%)



- Cyan (14%)
- Magenta (40%)
- Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DB9AD0 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 DB9AD0 by changing the saturation by 10% instead.



 DB9AD0

FFFFFF

 FFD1FF

 FFEEFF

 DB9AD0

 BF80B4

 A3669A

 884D7F

 6E3566

 551D4E

 3C0337

 280022

 000007

 000000

 DB9AD0

 DB9AD0

 DB84CC

 DBB0D4

 DB6EC9

 DBC6D7

 DB58C5

 DBDCDB

 DB42C1

 DBF2DF

 DB2DBD

 DBFFE3

 DB17BA

 DBFFE6

 DB01B6

 DBFFE9

 DB00B6

 DBFFEE

 DBFFF1

# Harmonies

## Analogous

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



B5A5E9



DB9AD0



EF94AF

# Triad

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



DB9AD0



C4AD6A



25C0D1

# Complementary

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



DB9AD0



9ADBA5

# 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.



4BC1AF



DB9AD0



A0B773

# Square

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



DB9AD0



E0A174



78BE8D



46BBEA

# Rectangle

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



DB9AD0



F29698



78BE8D



2DC1C6



# Sweetspot

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



DB9AD0



FFE8FB



A59ADB



80717D



000000



808080



# Same Dimension

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



DB9AD0



FFA3EF



DB9AB0



6E636C



AD0090



2E0026



# Inverse Universe

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



DB9AD0



FFA3EF



9ADBC5



6E636C



AD0090

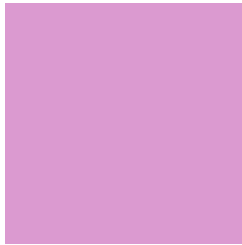


2E0026



# Previews

## White Background



This preview shows how the Hex color DB9AD0 looks on a white background.

## Color Contrast Check

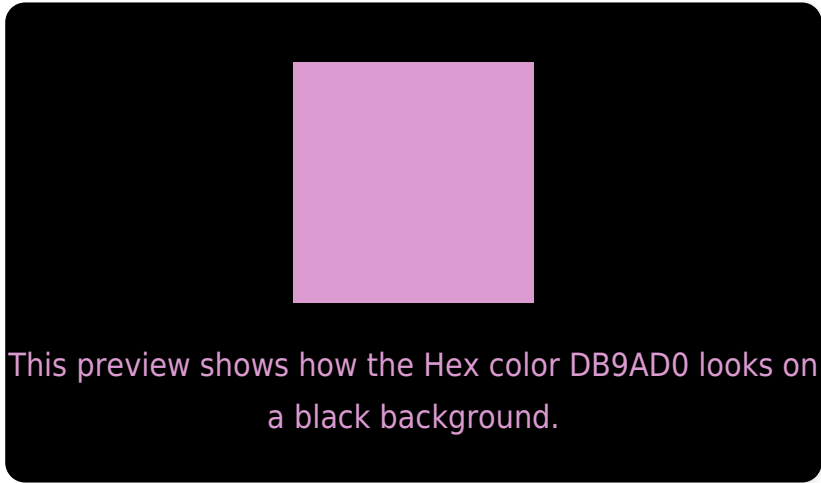
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

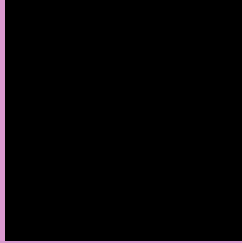
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex DB9AD0 Background



This preview shows how black text looks on a background with the Hex color DB9AD0.

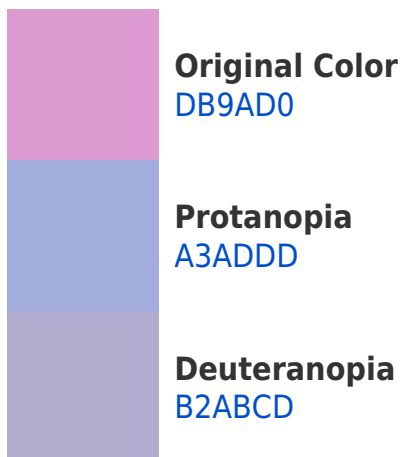


This preview shows how white text looks on a background with the Hex color DB9AD0.

# 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**  
D6A1AD

# Trichromacy



**Original Color**  
DB9AD0



**Protanomaly**  
B7A6D8



**Deuteranomaly**  
C1A5CE

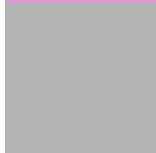


**Tritanomaly**  
D89EBA

# Monochromacy



**Original Color**  
DB9AD0



**Achromatopsia**  
B4B4B4



**Achromatomaly**  
C2ABBE

# CSS Examples

## Text

The CSS property to change the color of the text to Hex DB9AD0 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 #DB9AD0 looks like.

```
.text, #text, p{  
    color:#DB9AD0  
}
```

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 #DB9AD0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DB9AD0
}
```

## Border

The CSS property to change the border of an element to Hex DB9AD0 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
#DB9AD0 }
```

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

```
.border{ border-color:#DB9AD0 }
```

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

Here you see how a box with a 4 pixel #DB9AD0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DB9AD0; -webkit-box-shadow:4px 4px  
4px 4px #DB9AD0; box-shadow:4px 4px 4px  
4px #DB9AD0 }
```

# Background

The CSS property to change the background color of an element to Hex DB9AD0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DB9AD0 }
```

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

```
.background{ background-color:#DB9AD0 }
```

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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