

# Converting Colors

Hex(D9B8FE)

Have a look what the booklet for  
Hex(D9B8FE) contains.

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# **Color**

**Hex(D9B8FE)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D9B8FE
RGB	217, 184, 254
RGB Percent	85%, 72%, 100%
CMY	0.1490, 0.2784, 0.0039
CMYK	0.15, 0.28, 0.00, 0.00
HSL	268°, 97%, 86%
HSV	268°, 28%, 100%
XYZ	63.6452, 56.1885, 101.2569
YIQ	201.8470, -2.8020, 28.7660

# Conversions

## Conversions Part 2

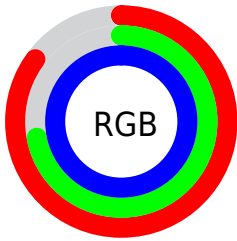
Format	Color
R <sub>Y</sub> B	217, 184, 254
Decimal	14268670
CIE Lab	79.72, 24.84, -30.18
CIE LCh	80, 39.091, 309.459
Yxy	56.1885, 0.2879, 0.2541
Android (android.graphics.Color)	4292458750 (0xFFD9B8FE)
YUV	201.8470, 25.7114, 13.2892
Hunter-Lab	74.9590, 20.3802, -27.6195

# Details

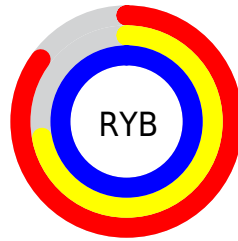
The Hex color **D9B8FE** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **DDFEB8**, and the grayscale version is **CACACA**.

A 20% lighter version of the original color is **FFF0FF**, and **A183C5** is the 20% darker color. If you saturate the color by 10%, you get **CC9FFE**, and if you desaturate by 10%, it is **E6D1FE**.

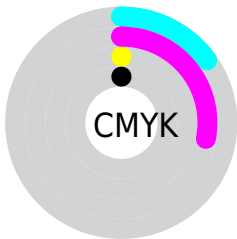
# Distribution



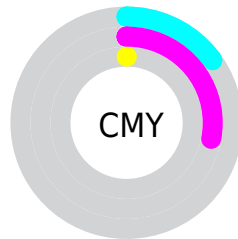
- Red (85%)
- Green (72%)
- Blue (100%)



- Red (85%)
- Yellow (72%)
- Blue (100%)



- Cyan (15%)
- Magenta (28%)
- Yellow (0%)
- Black (0%)



- Cyan (15%)
- Magenta (28%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D9B8FE 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 D9B8FE by changing the saturation by 10% instead.



 D9B8FE

FFFFFF

 FFF0FF

 D9B8FE

 BD9DE1

 A183C5

 8769AA

 6D518F

 533A75

 3B235C

 230E44

 12002E

 000118

 D9B8FE

 D9B8FE

 CC9FFE

 E6D1FE

 BE85FE

 F4EBFE

 B16CFE

FFFFFFE

 A352FE

 9639FE

 8820FE

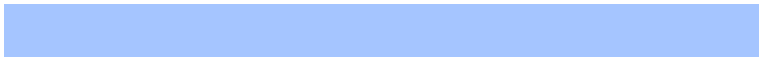
 7B06FE

 7800FE

# Harmonies

## Analogous

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



A5C5FF



D9B8FE



FDADE0

# Triad

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



D9B8FE



F4BB82



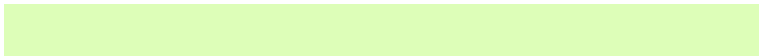
52D9D0

# Complementary

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



D9B8FE



DDFEB8

# 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.



7FD7AB



D9B8FE



D3C77D

# Square

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



D9B8FE



FFAF99



ABD18C



3FD7F3

# Rectangle

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



D9B8FE



FFAAC8



ABD18C



60D9C4



# Sweetspot

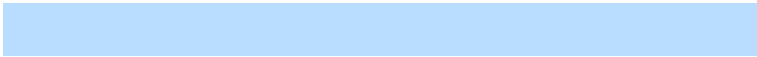
The Sweet Spot groups the original color and five complimentary colors.



D9B8FE



F4EBFF



B8DDFE



797380



000000



808080



# Same Dimension

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



D9B8FE



D3ABFF



FCB8FE



797380



5A00BF



1E0040



# Inverse Universe

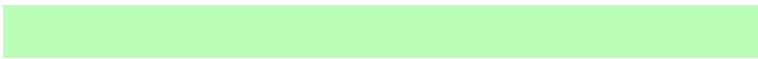
The Inverse Universe completely reimagines the original color for something new.



FEB8DD



FFABD7



BAFEB8



807379



BF0065

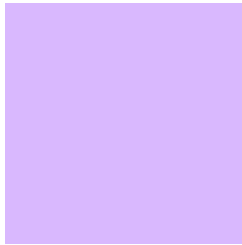


400022



# Previews

## White Background



This preview shows how the Hex color D9B8FE looks on a white background.

## Color Contrast Check

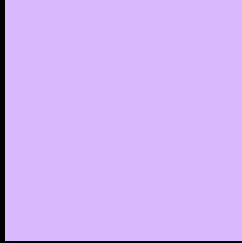
Large Text (above 18pt) WCAG AA × Fail

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 D9B8FE looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

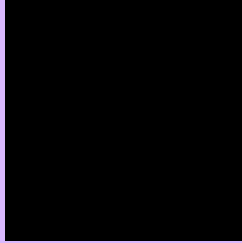
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex D9B8FE Background



This preview shows how black text looks on a background with the Hex color D9B8FE.



This preview shows how white text looks on a background with the Hex color D9B8FE.

# 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](#).

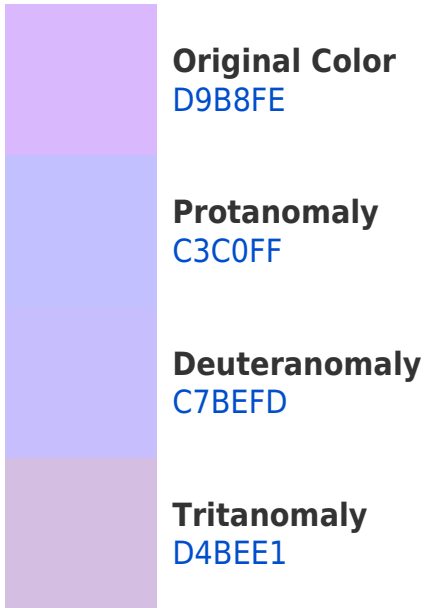
## Dichromacy



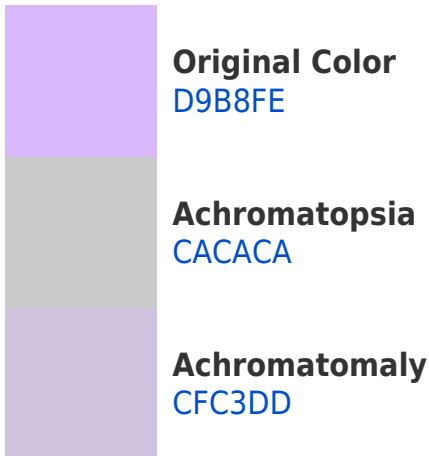


**Tritanopia**  
D1C1D0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D9B8FE 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 #D9B8FE looks like.

```
.text, #text, p{  
    color:#D9B8FE  
}
```

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 #D9B8FE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D9B8FE }  
}
```

## Border

The CSS property to change the border of an element to Hex D9B8FE 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 #D9B8FE }  
}
```

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

```
.border{ border-color:#D9B8FE }
```

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

Here you see how a box with a 4 pixel #D9B8FE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D9B8FE; -webkit-box-shadow:4px 4px  
4px 4px #D9B8FE; box-shadow:4px 4px 4px  
4px #D9B8FE }
```

# Background

The CSS property to change the background color of an element to Hex D9B8FE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D9B8FE }
```

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

```
.background{ background-color:#D9B8FE }
```

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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