

# Converting Colors

Hex(D9D7FF)

Have a look what the booklet for  
Hex(D9D7FF) contains.

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# **Color**

**Hex(D9D7FF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D9D7FF
RGB	217, 215, 255
RGB Percent	85%, 84%, 100%
CMY	0.1490, 0.1569, 0.0000
CMYK	0.15, 0.16, 0.00, 0.00
HSL	243°, 100%, 92%
HSV	243°, 16%, 100%
XYZ	70.9657, 70.5726, 104.4893
YIQ	220.1580, -11.6480, 12.8640

# Conversions

## Conversions Part 2

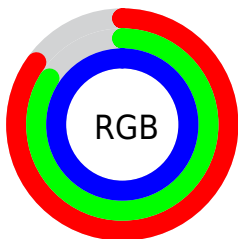
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	217, 215, 255
Decimal	14276607
CIE <sub>Lab</sub>	87.28, 8.44, -19.21
CIE <sub>LCh</sub>	87, 20.982, 293.722
Yxy	70.5726, 0.2884, 0.2868
Android (android.graphics.Color)	4292466687 (0xFFD9D7FF)
YUV	220.1580, 17.1771, -2.7696
Hunter-Lab	84.0075, 3.7756, -14.9402

# Details

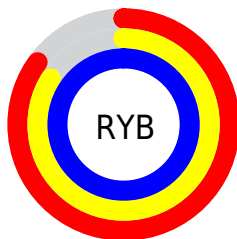
The Hex color **D9D7FF** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **FDFFD7**, and the grayscale version is **DCDCDC**.

A 20% lighter version of the original color is **FFFFFF**, and **A2A0C6** is the 20% darker color. If you saturate the color by 10%, you get **C1BEFF**, and if you desaturate by 10%, it is **F1F1FF**.

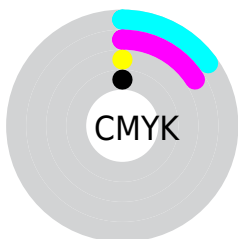
# Distribution



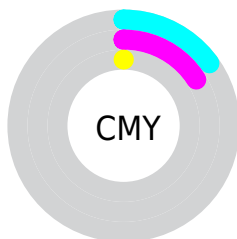
- Red (85%)
- Green (84%)
- Blue (100%)



- Red (85%)
- Yellow (84%)
- Blue (100%)



- Cyan (15%)
- Magenta (16%)
- Yellow (0%)
- Black (0%)



- Cyan (15%)
- Magenta (16%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D9D7FF 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 D9D7FF by changing the saturation by 10% instead.



 D9D7FF

FFFFFF

 D9D7FF

 BDBBE2

 A2A0C6

 8786AB

 6E6D90

 555577

 3D3E5E

 262846

 10142F

 00011B

 D9D7FF

 D9D7FF

 C1BEFF

 F1F1FF

 A9A4FF

FFFFFF

 908BFF

 7871FF

 6058FF

 483EFF

 2F24FF

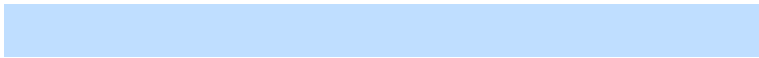
 170BFF

 0D00FF

# Harmonies

## Analogous

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



BFDEFF



D9D7FF



F1D1F2

# Triad

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



D9D7FF



FED2BB



AFE6D6

# Complementary

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



D9D7FF



FDFFD7

# 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.



C2E3C3



D9D7FF



EED8B3

# Square

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



D9D7FF



FFCDCC



D9DEB6



A6E6EA

# Rectangle

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



D9D7FF



FCCEE6



D9DEB6



B5E5CF



# Sweetspot

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



D9D7FF



F3F2FF



D7FDFF



787880



000000



808080



# Same Dimension

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



D9D7FF



D1CFFF



EDD7FF



737380



0A00BF



030040



# Inverse Universe

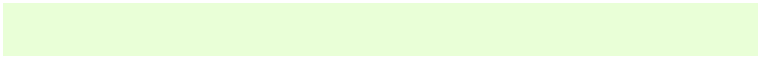
The Inverse Universe completely reimagines the original color for something new.



FFD7FD



FFCFFD



E9FFD7



80737F



BF00B6

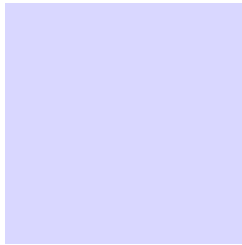


40003D



# Previews

## White Background



This preview shows how the Hex color D9D7FF looks on a white background.

## Color Contrast Check

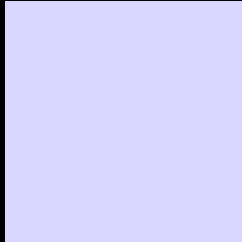
Large Text (above 18pt) WCAG AA × Fail

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 D9D7FF looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

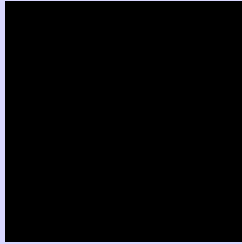
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex D9D7FF Background



This preview shows how black text looks on a background with the Hex color D9D7FF.

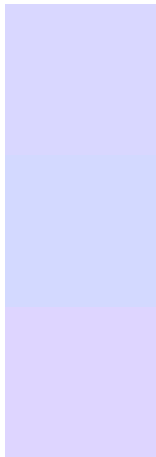


This preview shows how white text looks on a background with the Hex color D9D7FF.

# 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



**Original Color**  
D9D7FF

**Protanopia**  
D3D9FF

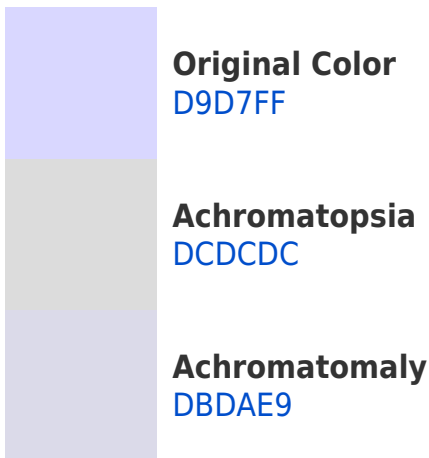
**Deuteranopia**  
DED5FF



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D9D7FF 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 #D9D7FF looks like.

```
.text, #text, p{  
    color:#D9D7FF  
}
```

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 #D9D7FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D9D7FF }  
}
```

## Border

The CSS property to change the border of an element to Hex D9D7FF is called "border". The border property can be set on classes, ids or directly on the HTML element.

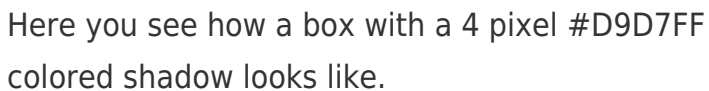
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid #D9D7FF }  
}
```

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

```
.border{ border-color:#D9D7FF }
```

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



Here you see how a box with a 4 pixel `#D9D7FF` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D9D7FF; -webkit-box-shadow:4px 4px  
4px 4px #D9D7FF; box-shadow:4px 4px 4px  
4px #D9D7FF }
```

# Background

The CSS property to change the background color of an element to Hex D9D7FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D9D7FF }
```

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

```
.background{ background-color:#D9D7FF }
```

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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