

# Converting Colors

Hex(D9D7FC)

Have a look what the booklet for  
Hex(D9D7FC) contains.

<b>Hex(D9D7FC)</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(D9D7FC)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D9D7FC
RGB	217, 215, 252
RGB Percent	85%, 84%, 99%
CMY	0.1490, 0.1569, 0.0118
CMYK	0.14, 0.15, 0.00, 0.01
HSL	243°, 86%, 92%
HSV	243°, 15%, 99%
XYZ	70.4864, 70.3809, 101.9653
YIQ	219.8160, -10.6850, 11.9310

# Conversions

## Conversions Part 2

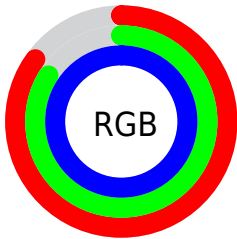
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	217, 215, 252
Decimal	14276604
CIE Lab	87.18, 7.82, -17.77
CIE LCh	87, 19.414, 293.757
Yxy	70.3809, 0.2903, 0.2898
Android (android.graphics.Color)	4292466684 (0xFFD9D7FC)
YUV	219.8160, 15.8667, -2.4696
Hunter-Lab	83.8933, 3.1608, -13.3367

# Details

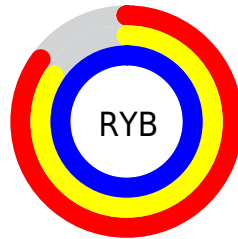
The Hex color **D9D7FC** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **FAFCD7**, and the grayscale version is **DCDCDC**.

A 20% lighter version of the original color is **FFFFFF**, and **A2A0C3** is the 20% darker color. If you saturate the color by 10%, you get **C1BEFC**, and if you desaturate by 10%, it is **F1F0FC**.

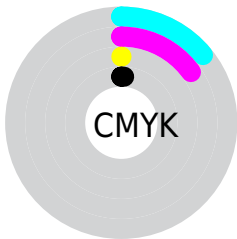
# Distribution



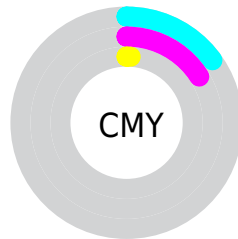
- Red (85%)
- Green (84%)
- Blue (99%)



- Red (85%)
- Yellow (84%)
- Blue (99%)



- Cyan (14%)
- Magenta (15%)
- Yellow (0%)
- Black (1%)



- Cyan (15%)
- Magenta (16%)
- Yellow (1%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D9D7FC 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 D9D7FC by changing the saturation by 10% instead.



 D9D7FC

FFFFFF

 D9D7FC

 BDBBDF

 A2A0C3


 8786A8

 6E6D8E

 555574

 3D3E5B

 272844

 11142D

 000119

 D9D7FC

 D9D7FC

 C1BEFC

 F1F0FC

 A9A5FC

 FFFFC

 918BFC

 7A72FC

 6259FC

 4A40FC

 3227FC

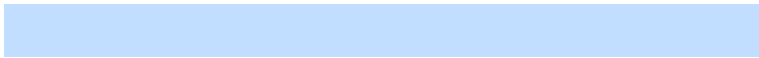
 1A0DFC

 0E00FC

# Harmonies

## Analogous

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



C1DDFF



D9D7FC



EFD1F0

# Triad

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



D9D7FC



FBD2BD



B2E5D6

# Complementary

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



D9D7FC



FAFCD7

# 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.



C4E2C4



D9D7FC



EDD8B6

# Square

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



D9D7FC



FFCECC



D9DEB9



AAE5E9

# Rectangle

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



D9D7FC



FACFE5



D9DEB9



B8E4CF



# Sweetspot

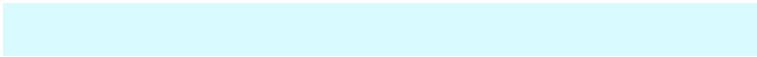
The Sweet Spot groups the original color and five complimentary colors.



D9D7FC



F5F5FF



D7FAFC



797980



000000



808080



# Same Dimension

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



D9D7FC



D4D1FF



EBD7FC



71707D



0A00BD



03003D



# Inverse Universe

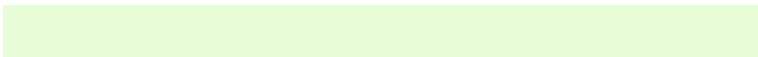
The Inverse Universe completely reimagines the original color for something new.



FCD7FA



FFD1FD



E8FCD7



7D707C



BD00B2

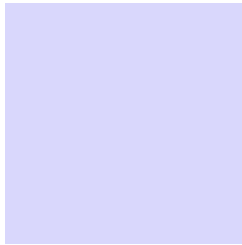


3D003A



# Previews

## White Background



This preview shows how the Hex color D9D7FC looks on a white background.

## Color Contrast Check

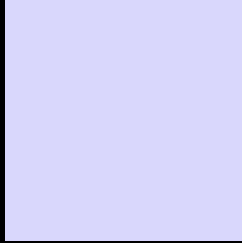
Large Text (above 18pt) WCAG AA × Fail

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 D9D7FC looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

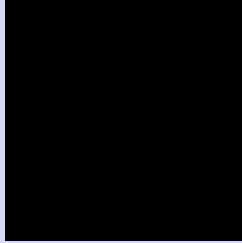
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex D9D7FC Background



This preview shows how black text looks on a background with the Hex color D9D7FC.



This preview shows how white text looks on a background with the Hex color D9D7FC.

# 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**  
D9D7FC

**Protanopia**  
D4D9FD

**Deuteranopia**  
DFD5FC



# Trichromacy



**Original Color**  
D9D7FC

**Protanomaly**  
D6D8FD

**Deuteranomaly**  
DDD6FC

**Tritanomaly**  
D7D9F1

# Monochromacy



**Original Color**  
D9D7FC

**Achromatopsia**  
DCDCDC

**Achromatomaly**  
DBDAE8

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D9D7FC 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 #D9D7FC looks like.

```
.text, #text, p{  
    color:#D9D7FC  
}
```

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 #D9D7FC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D9D7FC
}
```

## Border

The CSS property to change the border of an element to Hex D9D7FC 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
#D9D7FC }
```

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

```
.border{ border-color:#D9D7FC }
```

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

Here you see how a box with a 4 pixel #D9D7FC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D9D7FC; -webkit-box-shadow:4px 4px  
4px 4px #D9D7FC; box-shadow:4px 4px 4px  
4px #D9D7FC }
```

# Background

The CSS property to change the background color of an element to Hex D9D7FC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D9D7FC }
```

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

```
.background{ background-color:#D9D7FC }
```

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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