

# Converting Colors

Hex(DC9FDE)

Have a look what the booklet for  
Hex(DC9FDE) contains.

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# Color

**Hex(DC9FDE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DC9FDE
RGB	220, 159, 222
RGB Percent	86%, 62%, 87%
CMY	0.1373, 0.3765, 0.1294
CMYK	0.01, 0.28, 0.00, 0.13
HSL	298°, 49%, 75%
HSV	298°, 28%, 87%
XYZ	55.0982, 45.2858, 74.9443
YIQ	184.4210, 16.1330, 32.5250

# Conversions

## Conversions Part 2

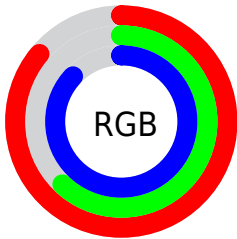
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	220, 159, 222
Decimal	14458846
CIE <sub>Lab</sub>	73.08, 32.94, -23.00
CIE <sub>LCh</sub>	73, 40.175, 325.075
Yxy	45.2858, 0.3143, 0.2583
Android (android.graphics.Color)	4292648926 (0xFFDC9FDE)
YUV	184.4210, 18.5264, 31.2028
Hunter-Lab	67.2948, 28.3826, -18.9233

# Details

The Hex color **DC9FDE** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **A1DE9F**, and the grayscale version is **B8B8B8**.

A 20% lighter version of the original color is **FFD6FF**, and **A46BA7** is the 20% darker color. If you saturate the color by 10%, you get **DB89DE**, and if you desaturate by 10%, it is **DDB5DE**.

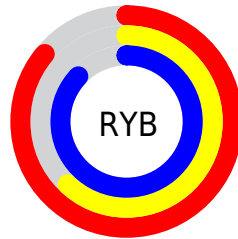
# Distribution



Red (86%)

Green (62%)

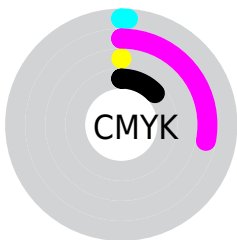
Blue (87%)



Red (86%)

Yellow (62%)

Blue (87%)

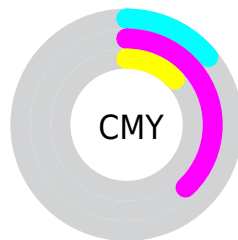


Cyan (1%)

Magenta (28%)

Yellow (0%)

Black (13%)



Cyan (14%)

Magenta (38%)

Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DC9FDE 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 DC9FDE by changing the saturation by 10% instead.



 DC9FDE

 DC9FDE

FFFFFF

 C084C2

 FFD6FF

 A46BA7

 FFF3FF

 89528C

 6F3973

 56225A

 3D0842

 27002C

 000016

 000000

 DC9FDE

 DC9FDE

 DB89DE

 DDB5DE

 DB73DE

 DDCBDE

 DA5CDE

 DEE2DE

 D946DE

 DFF8DE

 D830DE

 E0FFDE

 D81ADE

 E1FFDE

 D704DE

 E2FFDE

 D700DE

# Harmonies

## Analogous

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



AFACF6



DC9FDE



F697BB

# Triad

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



DC9FDE



D1AF6A



05C7D1

# Complementary

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



DC9FDE



A1DE9F

# 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.



4EC7AC



DC9FDE



ACBB6F

# Square

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



DC9FDE



EDA278



81C388



29C2EF

# Rectangle

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



DC9FDE



FB97A2



81C388



24C7C5



# Sweetspot

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



DC9FDE



FEE8FF



9FA1DE



7F7180



000000



808080



# Same Dimension

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



DC9FDE



FCA8FF



DE9FC1



706570



AA00B0



2F0030



# Inverse Universe

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



DE9FA1



FFA8AB



9FDEBC



706565



B00006



300002



# Previews

## White Background



This preview shows how the Hex color DC9FDE looks on a white background.

## Color Contrast Check

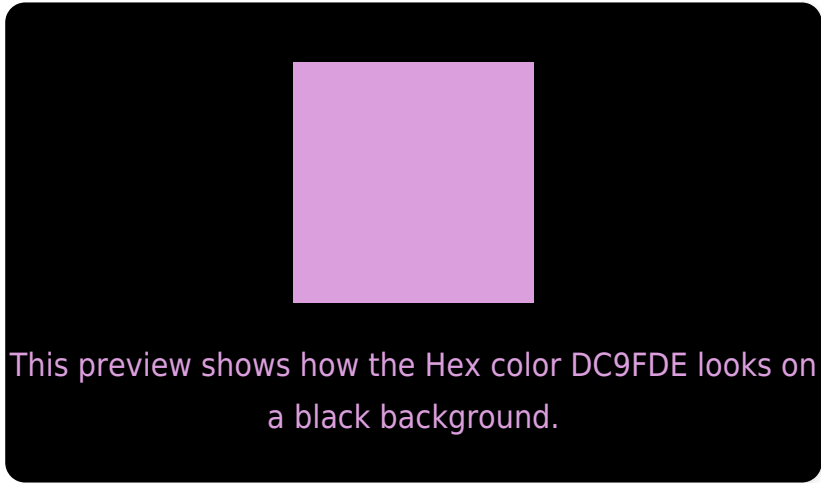
Large Text (above 18pt) WCAG AA × Fail

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

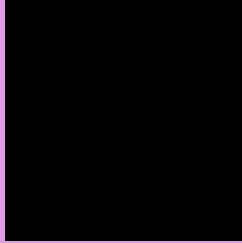
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex DC9FDE Background



This preview shows how black text looks on a background with the Hex color DC9FDE.

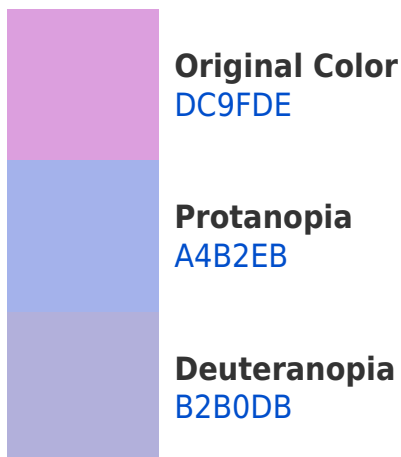


This preview shows how white text looks on a background with the Hex color DC9FDE.

# 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**  
D6A7B4

# Trichromacy



**Original Color**  
DC9FDE



**Protanomaly**  
B8ABE6



**Deuteranomaly**  
C1AADC

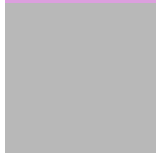


**Tritanomaly**  
D8A4C3

# Monochromacy



**Original Color**  
DC9FDE



**Achromatopsia**  
B8B8B8



**Achromatomaly**  
C5AFC6

# CSS Examples

## Text

The CSS property to change the color of the text to Hex DC9FDE 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 #DC9FDE looks like.

```
.text, #text, p{  
    color:#DC9FDE  
}
```

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 #DC9FDE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DC9FDE
}
```

## Border

The CSS property to change the border of an element to Hex DC9FDE 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
#DC9FDE }
```

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

```
.border{ border-color:#DC9FDE }
```

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

Here you see how a box with a 4 pixel #DC9FDE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DC9FDE; -webkit-box-shadow:4px 4px  
4px 4px #DC9FDE; box-shadow:4px 4px 4px  
4px #DC9FDE }
```

# Background

The CSS property to change the background color of an element to Hex DC9FDE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DC9FDE }
```

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

```
.background{ background-color:#DC9FDE }
```

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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