

# Converting Colors

Hex(DFB3DF)

Have a look what the booklet for  
Hex(DFB3DF) contains.

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# **Color**

**Hex(DFB3DF)**

# Conversions

## Conversions Part 1

| Format      | Color                      |
|-------------|----------------------------|
| Hex         | DFB3DF                     |
| RGB         | 223, 179, 223              |
| RGB Percent | 87%, 70%, 87%              |
| CMY         | 0.1255, 0.2980, 0.1255     |
| CMYK        | 0.00, 0.20, 0.00, 0.13     |
| HSL         | 300°, 41%, 79%             |
| HSV         | 300°, 20%, 87%             |
| XYZ         | 59.8708, 53.2559, 76.9359  |
| YIQ         | 197.1720, 12.1000, 23.0120 |

# Conversions

## Conversions Part 2

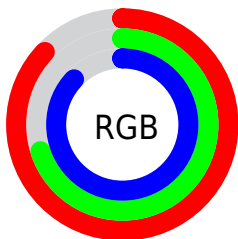
| Format                              | Color                         |
|-------------------------------------|-------------------------------|
| R <sub>Y</sub> B                    | 223, 179, 223                 |
| Decimal                             | 14660575                      |
| CIE Lab                             | 78.03, 23.33, -16.02          |
| CIE LCh                             | 78, 28.299, 325.514           |
| Yxy                                 | 53.2559, 0.3150,<br>0.2802    |
| Android<br>(android.graphics.Color) | 4292850655<br>(0xFFDFB3DF)    |
| YUV                                 | 197.1720, 12.7332,<br>22.6512 |
| Hunter-Lab                          | 72.9766, 18.7342,<br>-11.4231 |

# Details

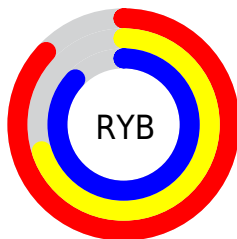
The Hex color **DFB3DF** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **B3DFB3**, and the grayscale version is **C5C5C5**.

A 20% lighter version of the original color is **FFEBFF**, and **A77EA8** is the 20% darker color. If you saturate the color by 10%, you get **DF9DDF**, and if you desaturate by 10%, it is **DFC9DF**.

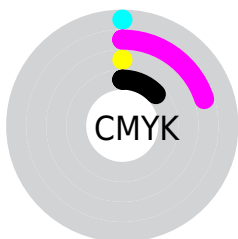
# Distribution



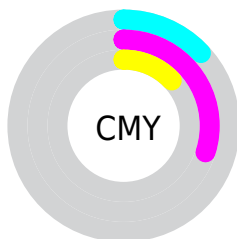
- Red (87%)
- Green (70%)
- Blue (87%)



- Red (87%)
- Yellow (70%)
- Blue (87%)



- Cyan (0%)
- Magenta (20%)
- Yellow (0%)
- Black (13%)



- Cyan (13%)
- Magenta (30%)
- Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DFB3DF 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 DFB3DF by changing the saturation by 10% instead.



 DFB3DF

FFFFFF

 FFE8FF

 DFB3DF

 C398C3

 A77EA8

 8D658D

 734C74

 5A355B

 421F43

 2B092D

 150019

 000000

 DFB3DF

 DFB3DF

 DF9DDF

 DFC9DF

 DF86DF

 DFE0DF

 DF70DF

 DFF6DF

 DF5ADF

 DFFFDF

 DF43DF

 DF2DDF

 DF17DF

 DF01DF

 DF00DF

# Harmonies

## Analogous

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



C0BCF0



DFB3DF



F2AEC6

# Triad

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



DFB3DF



D8BE8D



73CFD7

# Complementary

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



DFB3DF



B3DFB3

# 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.



82CFBC



DFB3DF



BCC691

# Square

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



DFB3DF



ECB597



9ECCA2



7CCBEB

# Rectangle

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



DFB3DF



F6AEB4



9ECCA2



76D0CE



# Sweetspot

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



DFB3DF



FFF0FF



B3B3DF



807780



000000



808080



# Same Dimension

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



DFB3DF



FFC2FF



DFB3C9



706570



B000B0



300030



# Inverse Universe

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



DFB3DF



FFC2FF



B3DFC9



706570



B000B0

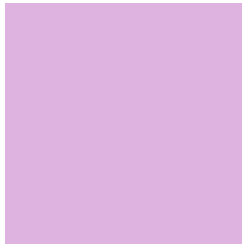


300030



# Previews

## White Background



This preview shows how the Hex color DFB3DF looks on a white background.

## Color Contrast Check

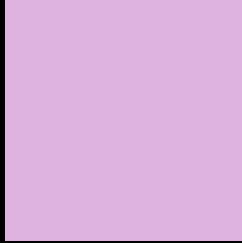
Large Text (above 18pt) WCAG AA × Fail

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 DFB3DF 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 DFB3DF Background



This preview shows how black text looks on a background with the Hex color DFB3DF.

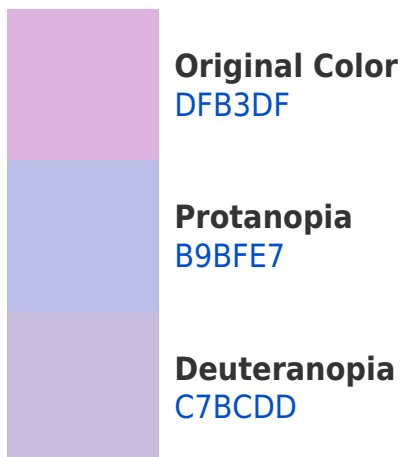


This preview shows how white text looks on a background with the Hex color DFB3DF.

# 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**  
DBB7C6

# Trichromacy



**Original Color**  
DFB3DF



**Protanomaly**  
C7BBE4



**Deuteranomaly**  
D0B9DE

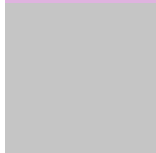


**Tritanomaly**  
DCB6CF

# Monochromacy



**Original Color**  
DFB3DF



**Achromatopsia**  
C5C5C5



**Achromatomaly**  
CEBECE

# CSS Examples

## Text

The CSS property to change the color of the text to Hex DFB3DF 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 #DFB3DF looks like.

```
.text, #text, p{  
    color:#DFB3DF  
}
```

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 #DFB3DF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DFB3DF  
}
```

## Border

The CSS property to change the border of an element to Hex DFB3DF 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  
#DFB3DF }
```

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

```
.border{ border-color:#DFB3DF }
```

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

Here you see how a box with a 4 pixel #DFB3DF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DFB3DF; -webkit-box-shadow:4px 4px  
4px 4px #DFB3DF; box-shadow:4px 4px 4px  
4px #DFB3DF }
```

# Background

The CSS property to change the background color of an element to Hex DFB3DF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DFB3DF }
```

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

```
.background{ background-color:#DFB3DF }
```

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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