

# Converting Colors

Hex(DFBDEC)

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

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# **Color**

**Hex(DFBDEC)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	DFBDEC
RGB	223, 189, 236
RGB Percent	87%, 74%, 93%
CMY	0.1255, 0.2588, 0.0745
CMYK	0.06, 0.20, 0.00, 0.07
HSL	283°, 55%, 83%
HSV	283°, 20%, 93%
XYZ	63.7693, 58.1393, 87.2179
YIQ	204.5240, 5.1770, 21.8250

# Conversions

## Conversions Part 2

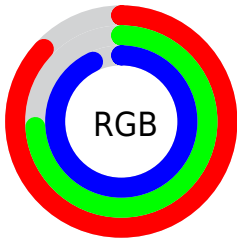
Format	Color
R <sub>Y</sub> B	223, 189, 236
Decimal	14663148
CIE Lab	80.82, 20.41, -18.82
CIE LCh	81, 27.759, 317.319
Yxy	58.1393, 0.3049, 0.2780
Android (android.graphics.Color)	4292853228 (0xFFDFBDEC)
YUV	204.5240, 15.5177, 16.2035
Hunter-Lab	76.2491, 15.8487, -14.4447

# Details

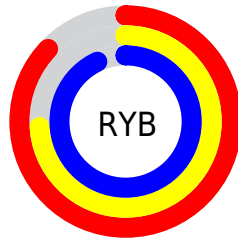
The Hex color **DFBDEC** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **CAECBD**, and the grayscale version is **CCCCCC**.

A 20% lighter version of the original color is **FFF5FF**, and **A788B4** is the 20% darker color. If you saturate the color by 10%, you get **D8A5EC**, and if you desaturate by 10%, it is **E6D5EC**.

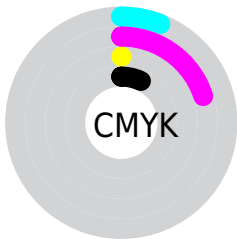
# Distribution



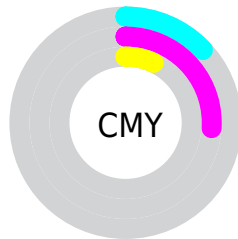
- Red (87%)
- Green (74%)
- Blue (93%)



- Red (87%)
- Yellow (74%)
- Blue (93%)



- Cyan (6%)
- Magenta (20%)
- Yellow (0%)
- Black (7%)



- Cyan (13%)
- Magenta (26%)
- Yellow (7%)

# Brightness & Saturation Gradients

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



 DFBDEC

FFFFFF

 FFF5FF

 DFBDEC

 C3A2D0

 A788B4

 8D6E99

 73557F

 5A3E66

 42284E

 2B1237

 1A0022

 000007

 DFBDEC

 DFBDEC

 D8A5EC

 E6D5EC

 D28EEC

 ECECEC

 CB76EC

 F3FFEC

 C55FEC

 F9FFEC

 BE47EC

 FFFFEC

 B82FEC

 B118EC

 AB00EC

# Harmonies

## Analogous

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



BEC6FA



DFBDEC



F5B7D5

# Triad

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



DFBDEC



E6C396



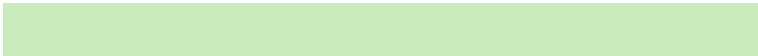
7FD7D7

# Complementary

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



DFBDEC



CAECBD

# 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.



92D7BC



DFBDEC



CCCC97

# Square

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



DFBDEC



F8BBA4



AFD3A5



81D4EE

# Rectangle

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



DFBDEC



FDB6C3



AFD3A5



84D7CE



# Sweetspot

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



DFBDEC



FBF0FF



BDCAEC



7D7780



000000



808080



# Same Dimension

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



DFBDEC



EEC2FF



ECBDE2



726A75



8300B5



270036



# Inverse Universe

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



ECBDCA



FFC2D3



BDECC7



756A6D



B50032

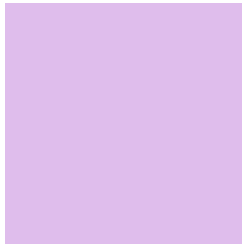


36000F



# Previews

## White Background



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

## Color Contrast Check

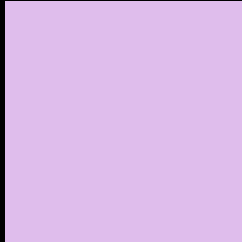
Large Text (above 18pt) WCAG AA × Fail

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 DFBDEC 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 DFBDEC Background



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

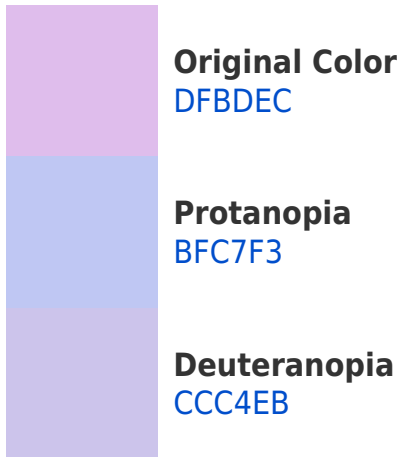


This preview shows how white text looks on a background with the Hex color DFBDEC.

# 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**  
DBC2D1

# Trichromacy



**Original Color**  
DFBDEC

**Protanomaly**  
CBC3F0

**Deuteranomaly**  
D3C1EB

**Tritanomaly**  
DCC0DB

# Monochromacy



**Original Color**  
DFBDEC

**Achromatopsia**  
CDCDCD

**Achromatomaly**  
D4C7D8

# CSS Examples

## Text

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

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

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 #DFBDEC colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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