

# Converting Colors

Hex(DBD3F3)

Have a look what the booklet for  
Hex(DBD3F3) contains.

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# **Color**

**Hex(DBD3F3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DBD3F3
RGB	219, 211, 243
RGB Percent	86%, 83%, 95%
CMY	0.1412, 0.1725, 0.0471
CMYK	0.10, 0.13, 0.00, 0.05
HSL	255°, 57%, 89%
HSV	255°, 13%, 95%
XYZ	68.6853, 68.1197, 94.3223
YIQ	217.0400, -5.5040, 11.6480

# Conversions

## Conversions Part 2

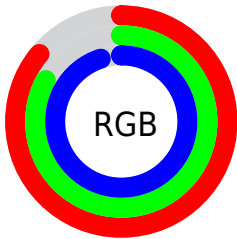
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	219, 211, 243
Decimal	14406643
CIE Lab	86.07, 8.75, -14.68
CIE LCh	86, 17.088, 300.794
Yxy	68.1197, 0.2972, 0.2947
Android (android.graphics.Color)	4292596723 (0xFFDBD3F3)
YUV	217.0400, 12.7983, 1.7189
Hunter-Lab	82.5346, 4.1121, -9.9836

# Details

The Hex color **DBD3F3** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **EBF3D3**, and the grayscale version is **D9D9D9**.

A 20% lighter version of the original color is **FFFFFF**, and **A49DBB** is the 20% darker color. If you saturate the color by 10%, you get **C9BBF3**, and if you desaturate by 10%, it is **EDEBF3**.

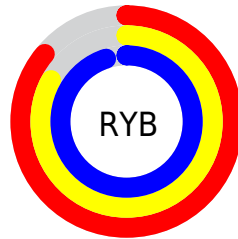
# Distribution



Red (86%)

Green (83%)

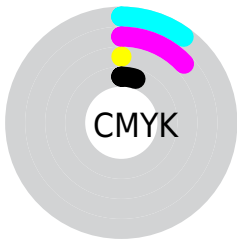
Blue (95%)



Red (86%)

Yellow (83%)

Blue (95%)

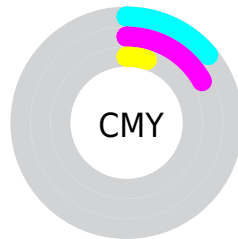


Cyan (10%)

Magenta (13%)

Yellow (0%)

Black (5%)



Cyan (14%)

Magenta (17%)

Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DBD3F3 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 DBD3F3 by changing the saturation by 10% instead.



■ DBD3F3

FFFFFF

■ DBD3F3

■ BFB7D7

■ A49DBB

■ 8A82A0

■ 706986

■ 57516C

■ 403A54

■ 29253D

■ 151027

■ 000112

 DBD3F3

 DBD3F3

 C9BBF3

 EDEBF3

 B7A2F3

 FFFFF3

 A48AF3

 9272F3

 805AF3

 6E41F3

 5B29F3

 4911F3

 3D00F3

# Harmonies

## Analogous

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



C6D8F7



DBD3F3



EDCEE7

# Triad

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



DBD3F3



F2D1BC



B2E1D7

# Complementary

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



DBD3F3



EBF3D3

# 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.



C0DFC7



DBD3F3



E4D6B7

# Square

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



DBD3F3



F9CDC7



D2DBBB



ADE0E7

# Rectangle

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



DBD3F3



F5CDDD



D2DBBB



B6E1D2



# Sweetspot

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



DBD3F3



F7F5FF



D3EBF3



7B7980



000000



808080



# Same Dimension

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



DBD3F3



E0D6FF



EBD3F3



716E7A



2F00BA



0F003B



# Inverse Universe

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



F3D3EB



FFD6F5



DBF3D3



7A6E77



BA008C

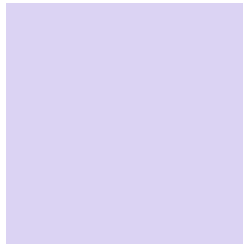


3B002C



# Previews

## White Background



This preview shows how the Hex color DBD3F3 looks on a white background.

## Color Contrast Check

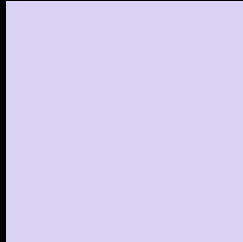
Large Text (above 18pt) WCAG AA × Fail

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 DBD3F3 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 DBD3F3 Background



This preview shows how black text looks on a background with the Hex color DBD3F3.



This preview shows how white text looks on a background with the Hex color DBD3F3.

# 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**  
DBD3F3

**Protanopia**  
D2D6F5

**Deuteranopia**  
DFD2F3



**Tritanopia**  
D9D5E6

# Trichromacy



**Original Color**  
DBD3F3

**Protanomaly**  
D5D5F4

**Deuteranomaly**  
DED2F3

**Tritanomaly**  
DAD4EB

# Monochromacy



**Original Color**  
DBD3F3

**Achromatopsia**  
D9D9D9

**Achromatomaly**  
DAD7E2

# CSS Examples

## Text

The CSS property to change the color of the text to Hex DBD3F3 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 #DBD3F3 looks like.

```
.text, #text, p{  
    color:#DBD3F3  
}
```

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 #DBD3F3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DBD3F3
}
```

## Border

The CSS property to change the border of an element to Hex DBD3F3 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
#DBD3F3 }
```

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

```
.border{ border-color:#DBD3F3 }
```

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

Here you see how a box with a 4 pixel #DBD3F3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DBD3F3; -webkit-box-shadow:4px 4px  
4px 4px #DBD3F3; box-shadow:4px 4px 4px  
4px #DBD3F3 }
```

# Background

The CSS property to change the background color of an element to Hex DBD3F3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DBD3F3 }
```

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

```
.background{ background-color:#DBD3F3 }
```

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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