

# Converting Colors

Hex(DBB3E1)

Have a look what the booklet for  
Hex(DBB3E1) contains.

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# **Color**

**Hex(DBB3E1)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DBB3E1
RGB	219, 179, 225
RGB Percent	86%, 70%, 88%
CMY	0.1412, 0.2980, 0.1176
CMYK	0.03, 0.20, 0.00, 0.12
HSL	292°, 43%, 79%
HSV	292°, 20%, 88%
XYZ	58.9241, 52.7365, 78.3077
YIQ	196.2040, 9.0740, 22.7860

# Conversions

## Conversions Part 2

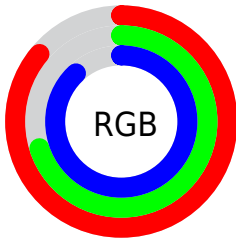
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">219, 179, 225</a>
Decimal	<a href="#">14398433</a>
CIELab	<a href="#">77.72, 22.38, -17.60</a>
CIELCh	<a href="#">78, 28.472, 321.807</a>
Yxy	<a href="#">52.7365, 0.3102, 0.2776</a>
Android (android.graphics.Color)	<a href="#">4292588513</a> ( <a href="#">0xFFDDBB3E1</a> )
YUV	<a href="#">196.2040, 14.1964, 19.9921</a>
Hunter-Lab	<a href="#">72.6199, 17.7509, -13.0998</a>

# Details

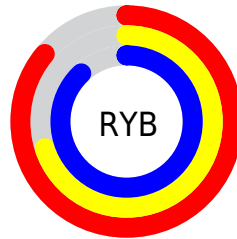
The Hex color **DBB3E1** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **B9E1B3**, and the grayscale version is **C4C4C4**.

A 20% lighter version of the original color is **FFEBFF**, and **A47EAA** is the 20% darker color. If you saturate the color by 10%, you get **D89CE1**, and if you desaturate by 10%, it is **DEC9E1**.

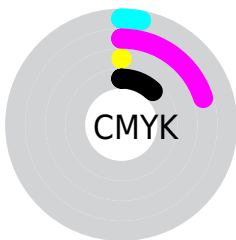
# Distribution



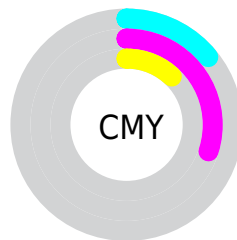
- Red (86%)
- Green (70%)
- Blue (88%)



- Red (86%)
- Yellow (70%)
- Blue (88%)



- Cyan (3%)
- Magenta (20%)
- Yellow (0%)
- Black (12%)



- Cyan (14%)
- Magenta (30%)
- Yellow (12%)

# Brightness & Saturation Gradients

These gradients show how the Hex color `DBB3E1` 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 `DBB3E1` by changing the saturation by 10% instead.



 DBB3E1

 DBB3E1

FFFFFF

 BF98C5

 FFE8FF

 A47EAA

 89658F

 6F4C75

 56355D

 3F1F45

 280A2F

 10001A

 000000

 DBB3E1

 DBB3E1

 D89CE1

 DEC9E1

 D586E1

 E1E0E1

 D26FE1

 E4F6E1

 CF59E1

 E7FFE1

 CC42E1

 EAFFE1

 C92CE1

 EDFFE1

 C615E1

 F0FFE1

 C400E1

 F2FFE1

 F5FFE1

# Harmonies

## Analogous

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



BABCF1



DBB3E1



F0ADC8

# Triad

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



DBB3E1



DABC8C



72CFD3

# Complementary

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



DBB3E1



B9E1B3

# 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.



84CEB8



DBB3E1



BFC48F

# Square

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



DBB3E1



EEB398



A1CB9F



78CBE9

# Rectangle

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



DBB3E1



F5ADB6



A1CB9F



76CFCA



# Sweetspot

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



DBB3E1



FDF0FF



B3B9E1



7E7780



000000



808080



# Same Dimension

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



DBB3E1



F7BFFF



E1B3D0



6F6570



9900B0



2A0030



# Inverse Universe

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



E1B3B9



FFBFC8



B3E1C4



706566



B00017

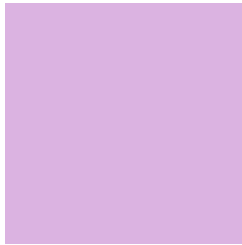


300006



# Previews

## White Background



This preview shows how the Hex color DBB3E1 looks on a white background.

## Color Contrast Check

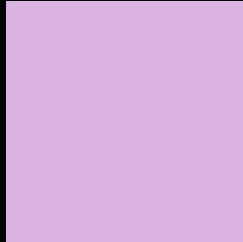
Large Text (above 18pt) WCAG AA × Fail

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 DBB3E1 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

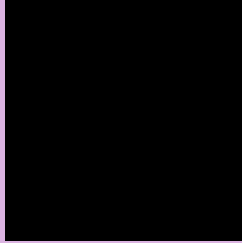
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex DBB3E1 Background



This preview shows how black text looks on a background with the Hex color DBB3E1.

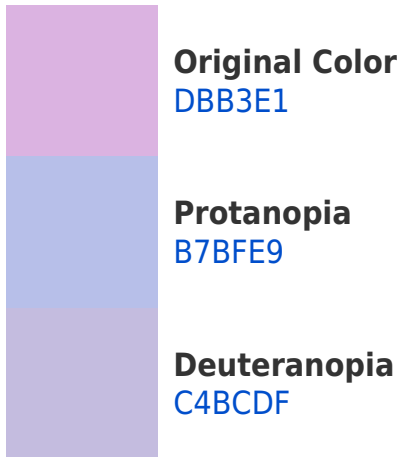


This preview shows how white text looks on a background with the Hex color DBB3E1.

# 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**  
D7B8C6

# Trichromacy



**Original Color**  
DBB3E1

**Protanomaly**  
C4BBE6

**Deuteranomaly**  
CCB9E0

**Tritanomaly**  
D8B6D0

# Monochromacy



**Original Color**  
DBB3E1

**Achromatopsia**  
C4C4C4

**Achromatomaly**  
CCBECF

# CSS Examples

## Text

The CSS property to change the color of the text to Hex DBB3E1 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 #DBB3E1 looks like.

```
.text, #text, p{  
    color:#DBB3E1  
}
```

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 #DBB3E1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DBB3E1
}
```

## Border

The CSS property to change the border of an element to Hex DBB3E1 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
#DBB3E1 }
```

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

```
.border{ border-color:#DBB3E1 }
```

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

Here you see how a box with a 4 pixel #DBB3E1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DBB3E1; -webkit-box-shadow:4px 4px  
4px 4px #DBB3E1; box-shadow:4px 4px 4px  
4px #DBB3E1 }
```

# Background

The CSS property to change the background color of an element to Hex DBB3E1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DBB3E1 }
```

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

```
.background{ background-color:#DBB3E1 }
```

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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