

# Converting Colors

Hex(DDB1E7)

Have a look what the booklet for  
Hex(DDB1E7) contains.

<b>Hex(DDB1E7)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(DDB1E7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DDB1E7
RGB	221, 177, 231
RGB Percent	87%, 69%, 91%
CMY	0.1333, 0.3059, 0.0941
CMYK	0.04, 0.23, 0.00, 0.09
HSL	289°, 53%, 80%
HSV	289°, 23%, 91%
XYZ	59.9647, 52.5860, 82.5909
YIQ	196.3120, 8.8900, 26.1220

# Conversions

## Conversions Part 2

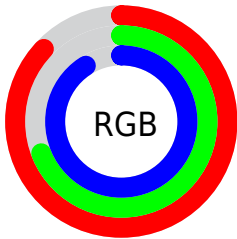
Format	Color
R <sub>Y</sub> B	221, 177, 231
Decimal	14528999
CIE Lab	77.63, 25.26, -20.97
CIE LCh	78, 32.826, 320.302
Yxy	52.5860, 0.3073, 0.2695
Android (android.graphics.Color)	4292719079 (0xFFDDB1E7)
YUV	196.3120, 17.1012, 21.6514
Hunter-Lab	72.5162, 20.7011, -16.7659

# Details

The Hex color **DDB1E7** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **BBE7B1**, and the grayscale version is **C4C4C4**.

A 20% lighter version of the original color is **FFE9FF**, and **A57CAF** is the 20% darker color. If you saturate the color by 10%, you get **D99AE7**, and if you desaturate by 10%, it is **E1C8E7**.

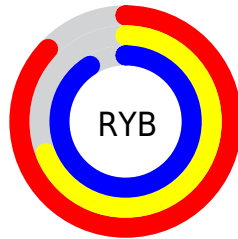
# Distribution



Red (87%)

Green (69%)

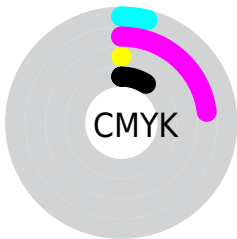
Blue (91%)



Red (87%)

Yellow (69%)

Blue (91%)

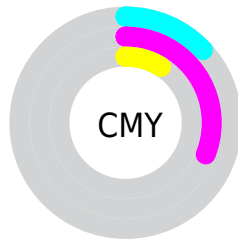


Cyan (4%)

Magenta (23%)

Yellow (0%)

Black (9%)



Cyan (13%)

Magenta (31%)

Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DDB1E7 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 DDB1E7 by changing the saturation by 10% instead.



 DDB1E7

FFFFFF


 FFE9FF

 DDB1E7

 C196CB

 A57CAF

 8B6395

 714A7B

 583362

 401D4A

 280733

 12001E

 000000

 DDB1E7

 DDB1E7

 D99AE7

 E1C8E7

 D483E7

 E6DFE7

 D06CE7

 EAF6E7

 CC55E7

 EEF6E7

 C83EE7

 F2FFE7

 C326E7

 F7FFE7

 BF0FE7

 FBFFE7

 BC00E7

 FFF6E7

# Harmonies

## Analogous

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



B6BCF9



DDB1E7



F5AACB

# Triad

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



DDB1E7



DEBB84



60D0D4

# Complementary

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



DDB1E7



BBE7B1

# 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.



7AD0B5



DDB1E7



C0C486

# Square

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



DDB1E7



F4B192



9DCC98



65CDEE

# Rectangle

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



DDB1E7



FCA9B6



9DCC98



67D1CA



# Sweetspot

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



DDB1E7



FCEDFF



B1BCE7



7E7580



000000



808080



# Same Dimension

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



DDB1E7



F2B8FF



E7B1D7



716773



9100B3



2A0033



# Inverse Universe

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



E7B1BB



FFB8C5



B1E7C1



736769



B30021



330009



# Previews

## White Background



This preview shows how the Hex color DDB1E7 looks on a white background.

## Color Contrast Check

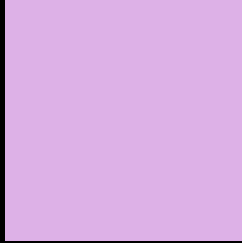
Large Text (above 18pt) WCAG AA × Fail

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 DDB1E7 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 DDB1E7 Background



This preview shows how black text looks on a background with the Hex color DDB1E7.



This preview shows how white text looks on a background with the Hex color DDB1E7.

# 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](#).

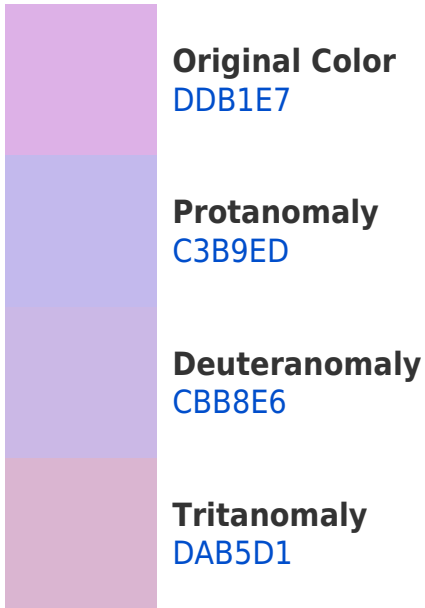
## Dichromacy



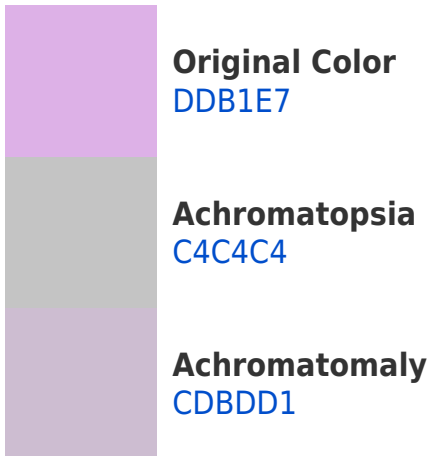


**Tritanopia**  
D8B7C5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex DDB1E7 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 #DDB1E7 looks like.

```
.text, #text, p{  
    color:#DDB1E7  
}
```

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 #DDB1E7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DDB1E7
}
```

## Border

The CSS property to change the border of an element to Hex DDB1E7 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
#DDB1E7 }
```

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

```
.border{ border-color:#DDB1E7 }
```

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

Here you see how a box with a 4 pixel #DDB1E7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DDB1E7; -webkit-box-shadow:4px 4px  
4px 4px #DDB1E7; box-shadow:4px 4px 4px  
4px #DDB1E7 }
```

# Background

The CSS property to change the background color of an element to Hex DDB1E7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DDB1E7 }
```

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

```
.background{ background-color:#DDB1E7 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor