

# Converting Colors

Hex(D1B2EA)

Have a look what the booklet for  
Hex(D1B2EA) contains.

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# **Color**

**Hex(D1B2EA)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>              |
|---------------|---------------------------|
| Hex           | D1B2EA                    |
| RGB           | 209, 178, 234             |
| RGB Percent   | 82%, 70%, 92%             |
| CMY           | 0.1804, 0.3020, 0.0824    |
| CMYK          | 0.11, 0.24, 0.00, 0.08    |
| HSL           | 273°, 57%, 81%            |
| HSV           | 273°, 24%, 92%            |
| XYZ           | 57.0662, 51.3366, 84.7431 |
| YIQ           | 193.6530, 0.5000, 23.9880 |

# Conversions

## Conversions Part 2

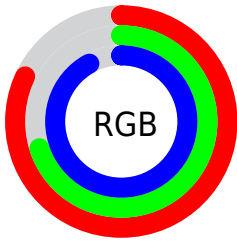
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| R <sub>YB</sub>                     | 209, 178, 234                 |
| Decimal                             | 13742826                      |
| CIE <sub>Lab</sub>                  | 76.88, 21.45, -23.83          |
| CIE <sub>LCh</sub>                  | 77, 32.063, 312.001           |
| Yxy                                 | 51.3366, 0.2955,<br>0.2658    |
| Android<br>(android.graphics.Color) | 4291932906<br>(0xFFD1B2EA)    |
| YUV                                 | 193.6530, 19.8911,<br>13.4593 |
| Hunter-Lab                          | 71.6496, 16.7817,<br>-19.9702 |

# Details

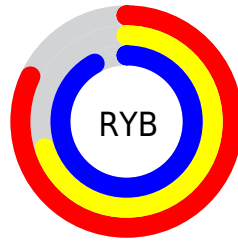
The Hex color **D1B2EA** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **CBEAB2**, and the grayscale version is **C1C1C1**.

A 20% lighter version of the original color is **FFEAFF**, and **9A7DB2** is the 20% darker color. If you saturate the color by 10%, you get **C79BEA**, and if you desaturate by 10%, it is **DBC9EA**.

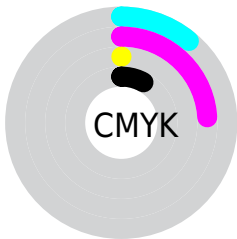
# Distribution



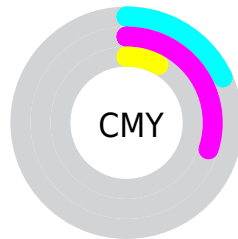
- Red (82%)
- Green (70%)
- Blue (92%)



- Red (82%)
- Yellow (70%)
- Blue (92%)



- Cyan (11%)
- Magenta (24%)
- Yellow (0%)
- Black (8%)



- Cyan (18%)
- Magenta (30%)
- Yellow (8%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D1B2EA 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 D1B2EA by changing the saturation by 10% instead.



 D1B2EA

FFFFFF

 FFEAFF

 D1B2EA

 B597CE

 9A7DB2

 806497

 664C7D

 4E3564

 361F4C

 1F0A35

 000020

 000003

 D1B2EA

 D1B2EA

 C79BEA

 DBC9EA

 BC83EA

 E6E1EA

 B26CEA

 F0F8EA

 A754EA

 FBFFEA

 9D3DEA

 FFFFEA

 9226EA

 880EEA

 8200EA

# Harmonies

## Analogous

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



A9BCF7



D1B2EA



EDAAD1

# Triad

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



D1B2EA



E3B686



66CEC9

# Complementary

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



D1B2EA



CBEAB2

# 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.



83CDAA



D1B2EA



C7C083

# Square

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



D1B2EA



F5AD97



A6C891



61CCE4

# Rectangle

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



D1B2EA



F7A8BD



A6C891



6ECEBF



# Sweetspot

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



D1B2EA



F7EDFF



B2CBEA



7B7580



000000



808080



# Same Dimension

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



D1B2EA



DEB5FF



EAB2E7



706A75



6400B5



1E0036



# Inverse Universe

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



EAB2CB



FFB5D6



B2EAB5



756A6F



B50051

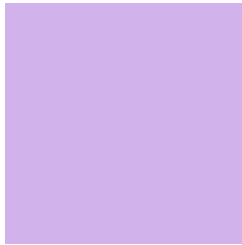


360018



# Previews

## White Background



This preview shows how the Hex color D1B2EA looks on a white background.

## Color Contrast Check

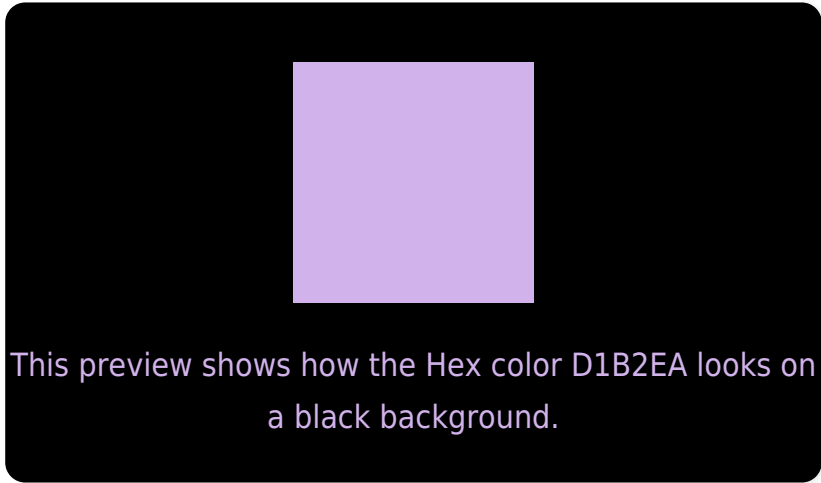
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## 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 D1B2EA Background



This preview shows how black text looks on a background with the Hex color D1B2EA.

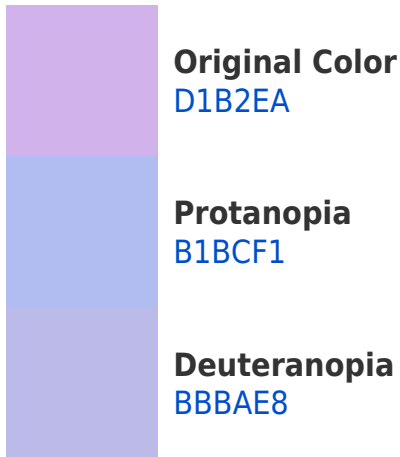


This preview shows how white text looks on a background with the Hex color D1B2EA.

# 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**  
CBB8C7

# Trichromacy



**Original Color**  
D1B2EA

**Protanomaly**  
BDB8EE

**Deuteranomaly**  
C3B7E9

**Tritanomaly**  
CDB6D4

# Monochromacy



**Original Color**  
D1B2EA

**Achromatopsia**  
C2C2C2

**Achromatomaly**  
C7BCD1

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D1B2EA 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 #D1B2EA looks like.

```
.text, #text, p{  
    color:#D1B2EA  
}
```

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 #D1B2EA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D1B2EA
}
```

## Border

The CSS property to change the border of an element to Hex D1B2EA 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
#D1B2EA }
```

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

```
.border{ border-color:#D1B2EA }
```

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

Here you see how a box with a 4 pixel #D1B2EA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D1B2EA; -webkit-box-shadow:4px 4px  
4px 4px #D1B2EA; box-shadow:4px 4px 4px  
4px #D1B2EA }
```

# Background

The CSS property to change the background color of an element to Hex D1B2EA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D1B2EA }
```

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

```
.background{ background-color:#D1B2EA }
```

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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