

# Converting Colors

Hex(D7B0E7)

Have a look what the booklet for  
Hex(D7B0E7) contains.

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# **Color**

**Hex(D7B0E7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D7B0E7
RGB	215, 176, 231
RGB Percent	84%, 69%, 91%
CMY	0.1569, 0.3098, 0.0941
CMYK	0.07, 0.24, 0.00, 0.09
HSL	283°, 53%, 80%
HSV	283°, 24%, 91%
XYZ	57.9735, 51.2673, 82.4413
YIQ	193.9310, 5.5890, 25.3730

# Conversions

## Conversions Part 2

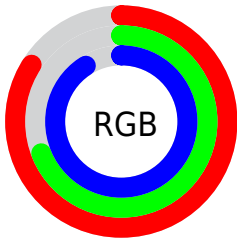
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	215, 176, 231
Decimal	14135527
CIE Lab	76.84, 23.86, -22.22
CIE LCh	77, 32.602, 317.039
Yxy	51.2673, 0.3024, 0.2675
Android (android.graphics.Color)	4292325607 (0xFFD7B0E7)
YUV	193.9310, 18.2750, 18.4775
Hunter-Lab	71.6012, 19.2245, -18.1455

# Details

The Hex color **D7B0E7** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **C0E7B0**, and the grayscale version is **C2C2C2**.

A 20% lighter version of the original color is **FFE8FF**, and **A07BAF** is the 20% darker color. If you saturate the color by 10%, you get **D099E7**, and if you desaturate by 10%, it is **DEC7E7**.

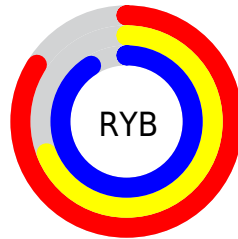
# Distribution



Red (84%)

Green (69%)

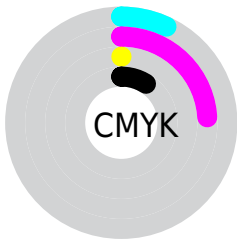
Blue (91%)



Red (84%)

Yellow (69%)

Blue (91%)

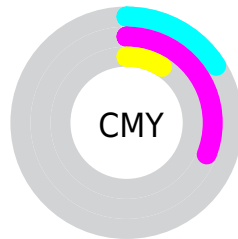


Cyan (7%)

Magenta (24%)

Yellow (0%)

Black (9%)



Cyan (16%)

Magenta (31%)

Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D7B0E7 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 D7B0E7 by changing the saturation by 10% instead.



 D7B0E7

FFFFFF

 FFE8FF

 D7B0E7

 BB95CB

 A07BAF

 856295

 6B4A7B

 533362

 3B1D4A

 240733

 07001E

 000000

 D7B0E7

 D7B0E7

 D099E7

 DEC7E7

 CA82E7

 E4DEE7

 C36BE7

 EBF5E7

 BC54E7

 F2FFE7

 B53CE7

 F9FFE7

 AF25E7

 FFFFE7

 A80EE7

 A400E7

# Harmonies

## Analogous

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



B0BBF7



D7B0E7



F1A9CC

# Triad

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



D7B0E7



DFB783



61CECE

# Complementary

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



D7B0E7



C0E7B0

# 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.



7CCDAF



D7B0E7



C1C183

# Square

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



D7B0E7



F3AE93



9FC994



61CBE9

# Rectangle

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



D7B0E7



F9A7B8



9FC994



68CEC4



# Sweetspot

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



D7B0E7



FAEDFF



B0C1E7



7D7580



000000



808080



# Same Dimension

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



D7B0E7



E9B5FF



E7B0DC



6F6773



7F00B3



240033



# Inverse Universe

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



E7B0C0



FFB5CB



B0E7BB



73676B



B30034

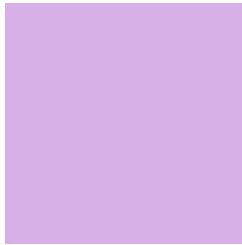


33000F



# Previews

## White Background



This preview shows how the Hex color D7B0E7 looks on a white background.

## Color Contrast Check

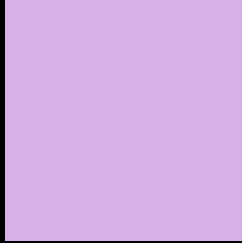
Large Text (above 18pt) WCAG AA × Fail

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 D7B0E7 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 D7B0E7 Background



This preview shows how black text looks on a background with the Hex color D7B0E7.

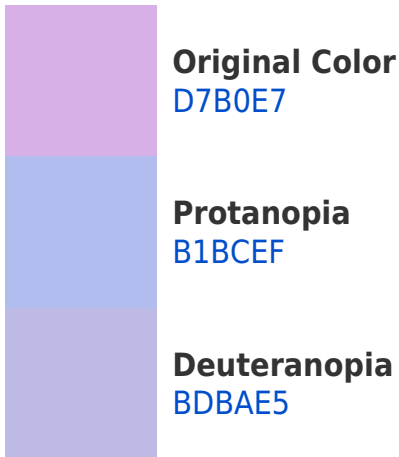


This preview shows how white text looks on a background with the Hex color D7B0E7.

# 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**  
D2B6C5

# Trichromacy



**Original Color**  
D7B0E7



**Protanomaly**  
BFB8EC



**Deuteranomaly**  
C6B6E6



**Tritanomaly**  
D4B4D1

# Monochromacy



**Original Color**  
D7B0E7



**Achromatopsia**  
C2C2C2



**Achromatomaly**  
CABBCF

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D7B0E7 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 #D7B0E7 looks like.

```
.text, #text, p{  
    color:#D7B0E7  
}
```

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 #D7B0E7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D7B0E7
}
```

## Border

The CSS property to change the border of an element to Hex D7B0E7 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
#D7B0E7 }
```

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

```
.border{ border-color:#D7B0E7 }
```

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

Here you see how a box with a 4 pixel #D7B0E7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D7B0E7; -webkit-box-shadow:4px 4px  
4px 4px #D7B0E7; box-shadow:4px 4px 4px  
4px #D7B0E7 }
```

# Background

The CSS property to change the background color of an element to Hex D7B0E7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D7B0E7 }
```

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

```
.background{ background-color:#D7B0E7 }
```

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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