

# Converting Colors

Hex(D7B7D4)

Have a look what the booklet for  
Hex(D7B7D4) contains.

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# **Color**

**Hex(D7B7D4)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D7B7D4
RGB	215, 183, 212
RGB Percent	84%, 72%, 83%
CMY	0.1569, 0.2824, 0.1686
CMYK	0.00, 0.15, 0.01, 0.16
HSL	306°, 29%, 78%
HSV	306°, 15%, 84%
XYZ	56.8415, 53.0675, 69.5345
YIQ	195.8740, 9.7630, 15.8030

# Conversions

## Conversions Part 2

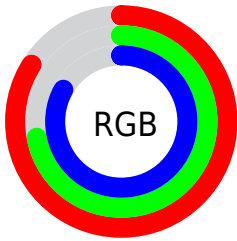
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	215, 183, 212
Decimal	14137300
CIE <sub>Lab</sub>	77.91, 16.45, -10.31
CIE <sub>LCh</sub>	78, 19.413, 327.927
Yxy	53.0675, 0.3168, 0.2957
Android (android.graphics.Color)	4292327380 (0xFFD7B7D4)
YUV	195.8740, 7.9501, 16.7735
Hunter-Lab	72.8475, 11.7971, -5.6004

# Details

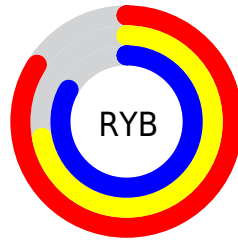
The Hex color **D7B7D4** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **B7D7BA**, and the grayscale version is **C4C4C4**.

A 20% lighter version of the original color is **FFEFFF**, and **A0829D** is the 20% darker color. If you saturate the color by 10%, you get **D7A2D2**, and if you desaturate by 10%, it is **D7CDD6**.

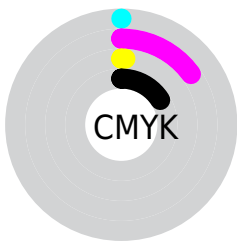
# Distribution



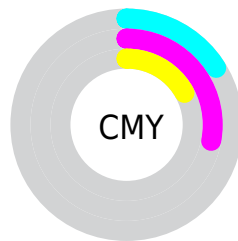
- Red (84%)
- Green (72%)
- Blue (83%)



- Red (84%)
- Yellow (72%)
- Blue (83%)



- Cyan (0%)
- Magenta (15%)
- Yellow (1%)
- Black (16%)



- Cyan (16%)
- Magenta (28%)
- Yellow (17%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D7B7D4 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 D7B7D4 by changing the saturation by 10% instead.



 D7B7D4

 D7B7D4

FFFFFF

 BB9CB8

 FFEFFF

 A0829D

 866983

 6C506A

 543952

 3C233B

 260F25

 0C0010

 000000

 D7B7D4

 D7B7D4

 D7A2D2

 D7CDD6

 D78CD0

 D7E2D8

 D776CE

 D7F8DA

 D761CC

 D7FFDC

 D74CCA

 D7FFDE

 D736C8

 D7FFE0

 D721C6

 D7FFE2

 D70BC4

 D7FFE4

 D700C3

 D7FFE6

# Harmonies

## Analogous

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



C2BCE0



D7B7D4



E4B4C3

# Triad

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



D7B7D4



D0BF9D



90CBD1

# Complementary

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



D7B7D4



B7D7BA

# 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.



97CBBF



D7B7D4



BCC5A1

# Square

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



D7B7D4



DFB9A3



A8C9AD



98C8DF

# Rectangle

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



D7B7D4



E7B4B6



A8C9AD



91CBCB



# Sweetspot

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



D7B7D4



FFF5FE



BAB7D7



80797F



000000



808080



# Same Dimension

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



D7B7D4



FFD1FB



D7B7C4



6B606A



AB009B



2B0027



# Inverse Universe

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



D7B7D4



FFD1FB



B7D7CA



6B606A



AB009B



2B0027



# Previews

## White Background



This preview shows how the Hex color D7B7D4 looks on a white background.

## Color Contrast Check

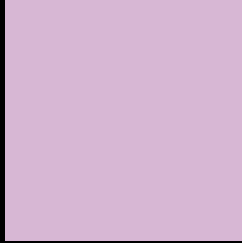
Large Text (above 18pt) WCAG AA × Fail

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 D7B7D4 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

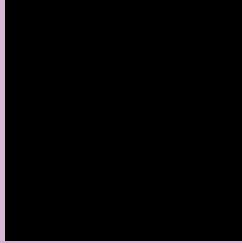
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex D7B7D4 Background



This preview shows how black text looks on a background with the Hex color D7B7D4.

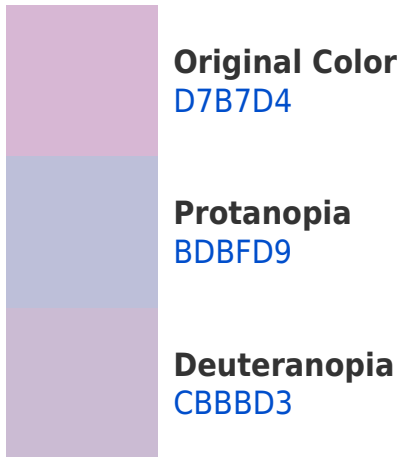


This preview shows how white text looks on a background with the Hex color D7B7D4.

# 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**  
D5B9C8

# Trichromacy



**Original Color**  
D7B7D4

**Protanomaly**  
C6BCD7

**Deuteranomaly**  
CFBAD3

**Tritanomaly**  
D6B8CC

# Monochromacy



**Original Color**  
D7B7D4

**Achromatopsia**  
C4C4C4

**Achromatomaly**  
CBBFCA

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D7B7D4 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 #D7B7D4 looks like.

```
.text, #text, p{  
    color:#D7B7D4  
}
```

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 #D7B7D4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D7B7D4
}
```

## Border

The CSS property to change the border of an element to Hex D7B7D4 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
#D7B7D4 }
```

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

```
.border{ border-color:#D7B7D4 }
```

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

Here you see how a box with a 4 pixel #D7B7D4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D7B7D4; -webkit-box-shadow:4px 4px  
4px 4px #D7B7D4; box-shadow:4px 4px 4px  
4px #D7B7D4 }
```

# Background

The CSS property to change the background color of an element to Hex D7B7D4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D7B7D4 }
```

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

```
.background{ background-color:#D7B7D4 }
```

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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