

# Converting Colors

Hex(D7B0F4)

Have a look what the booklet for  
Hex(D7B0F4) contains.

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# **Color**

**Hex(D7B0F4)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D7B0F4
RGB	215, 176, 244
RGB Percent	84%, 69%, 96%
CMY	0.1569, 0.3098, 0.0431
CMYK	0.12, 0.28, 0.00, 0.04
HSL	274°, 76%, 82%
HSV	274°, 28%, 96%
XYZ	59.8788, 52.0294, 92.4747
YIQ	195.4130, 1.4160, 29.4160

# Conversions

## Conversions Part 2

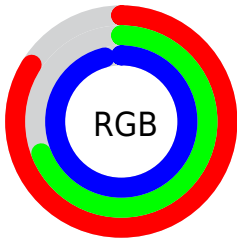
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	215, 176, 244
Decimal	14135540
CIE Lab	77.30, 26.48, -28.54
CIE LCh	77, 38.935, 312.854
Yxy	52.0294, 0.2930, 0.2546
Android (android.graphics.Color)	4292325620 (0xFFD7B0F4)
YUV	195.4130, 23.9534, 17.1778
Hunter-Lab	72.1314, 21.9491, -25.5196

# Details

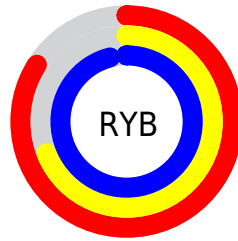
The Hex color **D7B0F4** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **CDF4B0**, and the grayscale version is **C3C3C3**.

A 20% lighter version of the original color is **FFE8FF**, and **A07BBC** is the 20% darker color. If you saturate the color by 10%, you get **CD98F4**, and if you desaturate by 10%, it is **E1C8F4**.

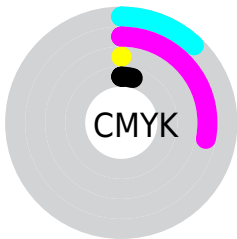
# Distribution



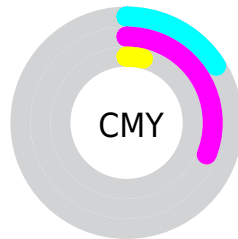
- Red (84%)
- Green (69%)
- Blue (96%)



- Red (84%)
- Yellow (69%)
- Blue (96%)



- Cyan (12%)
- Magenta (28%)
- Yellow (0%)
- Black (4%)



- Cyan (16%)
- Magenta (31%)
- Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D7B0F4 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 D7B0F4 by changing the saturation by 10% instead.



 D7B0F4

 D7B0F4

FFFFFF

 BB95D7

 FFE8FF

 A07BBC


 8562A0

 6B4A86

 52326D

 3A1C54

 22063C

 080026

 00010F

 D7B0F4

 D7B0F4

 CD98F4

 E1C8F4

 C27FF4

 ECE1F4

 B867F4

 F6F9F4

 AD4EF4

 FFFFF4

 A336F4

 991EF4

 8E05F4

 8C00F4

# Harmonies

## Analogous

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



A5BDFE



D7B0F4



F8A6D5

# Triad

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



D7B0F4



E9B67A



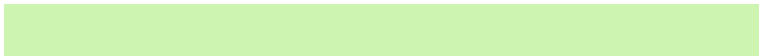
45D2CE

# Complementary

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



D7B0F4



CDF4B0

# 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.



73D1A8



D7B0F4



C8C278

# Square

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



D7B0F4



FFAA90



A0CB89



38D0EF

# Rectangle

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



D7B0F4



FFA3BD



A0CB89



54D2C1



# Sweetspot

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



D7B0F4



F6EBFF



B0CDF4



7A7380



000000



808080



# Same Dimension

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



D7B0F4



DBABFF



F4B0EF



756E7A



6B00BA



22003B



# Inverse Universe

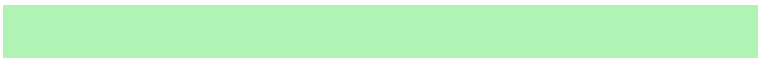
The Inverse Universe completely reimagines the original color for something new.



F4B0CD



FFABCF



B0F4B5



7A6E73



BA004F

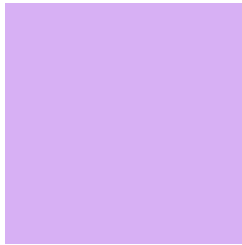


3B0019



# Previews

## White Background



This preview shows how the Hex color D7B0F4 looks on a white background.

## Color Contrast Check

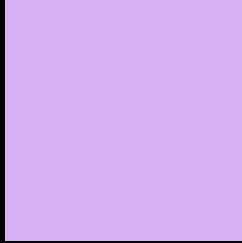
Large Text (above 18pt) WCAG AA × Fail

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 D7B0F4 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 D7B0F4 Background



This preview shows how black text looks on a background with the Hex color D7B0F4.

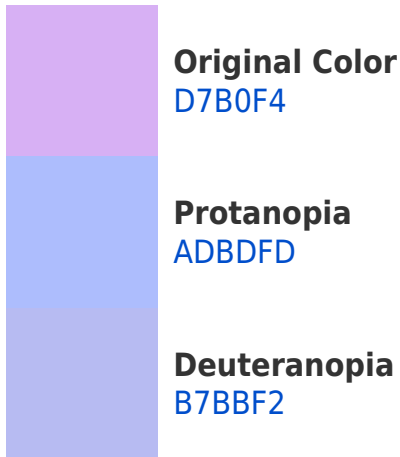


This preview shows how white text looks on a background with the Hex color D7B0F4.

# 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**  
D0B9C7

# Trichromacy



**Original Color**  
D7B0F4



**Protanomaly**  
BCB8FA



**Deuteranomaly**  
C3B7F3



**Tritanomaly**  
D3B6D7

# Monochromacy



**Original Color**  
D7B0F4



**Achromatopsia**  
C3C3C3



**Achromatomaly**  
CABCD5

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D7B0F4 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 #D7B0F4 looks like.

```
.text, #text, p{  
    color:#D7B0F4  
}
```

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 #D7B0F4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D7B0F4
}
```

## Border

The CSS property to change the border of an element to Hex D7B0F4 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
#D7B0F4 }
```

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

```
.border{ border-color:#D7B0F4 }
```

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

Here you see how a box with a 4 pixel #D7B0F4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D7B0F4; -webkit-box-shadow:4px 4px  
4px 4px #D7B0F4; box-shadow:4px 4px 4px  
4px #D7B0F4 }
```

# Background

The CSS property to change the background color of an element to Hex D7B0F4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D7B0F4 }
```

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

```
.background{ background-color:#D7B0F4 }
```

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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