

# Converting Colors

Hex(D3B2D8)

Have a look what the booklet for  
Hex(D3B2D8) contains.

<b>Hex(D3B2D8)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Hex(D3B2D8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D3B2D8
RGB	211, 178, 216
RGB Percent	83%, 70%, 85%
CMY	0.1725, 0.3020, 0.1529
CMYK	0.02, 0.18, 0.00, 0.15
HSL	292°, 33%, 77%
HSV	292°, 18%, 85%
XYZ	55.1790, 50.6475, 71.8335
YIQ	192.1990, 7.4700, 18.8140

# Conversions

## Conversions Part 2

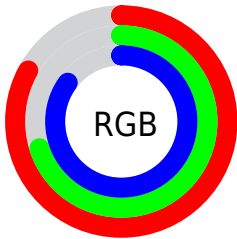
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	211, 178, 216
Decimal	13873880
CIE <sub>Lab</sub>	76.47, 18.55, -14.69
CIE <sub>LCh</sub>	76, 23.661, 321.635
Yxy	50.6475, 0.3106, 0.2851
Android (android.graphics.Color)	4292063960 (0xFFD3B2D8)
YUV	192.1990, 11.7339, 16.4885
Hunter-Lab	71.1671, 13.8567, -10.0282

# Details

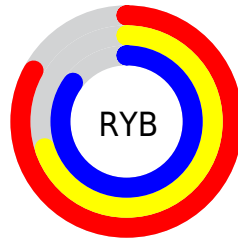
The Hex color **D3B2D8** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **B7D8B2**, and the grayscale version is **C0C0C0**.

A 20% lighter version of the original color is **FFEAFF**, and **9C7DA1** is the 20% darker color. If you saturate the color by 10%, you get **D09CD8**, and if you desaturate by 10%, it is **D6C8D8**.

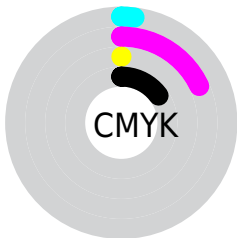
# Distribution



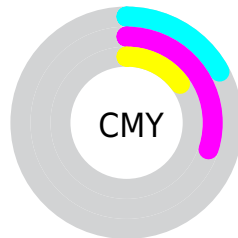
- Red (83%)
- Green (70%)
- Blue (85%)



- Red (83%)
- Yellow (70%)
- Blue (85%)



- Cyan (2%)
- Magenta (18%)
- Yellow (0%)
- Black (15%)



- Cyan (17%)
- Magenta (30%)
- Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D3B2D8 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 D3B2D8 by changing the saturation by 10% instead.



 D3B2D8

FFFFFF

 FFEAFF

 D3B2D8

 B797BC

 9C7DA1

 826487

 694C6E

 503555

 391F3E

 230A28

 000013

 000000

 D3B2D8

 D3B2D8

 D09CD8

 D6C8D8

 CD87D8

 D9DDD8

 CA71D8

 DCF3D8

 C85CD8

 DEFFD8

 C546D8

 E1FFD8

 C230D8

 E4FFD8

 BF1BD8

 E7FFD8

 BC05D8

 EAFFD8

 BC00D8

 EDFFD8

# Harmonies

## Analogous

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



B8B9E5



D3B2D8



E4AEC4

# Triad

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



D3B2D8



D3B992



80C9CC

# Complementary

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



D3B2D8



B7D8B2

# 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.



8DC9B6



D3B2D8



BCC094

# Square

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



D3B2D8



E3B29B



A3C6A1



85C6DE

# Rectangle

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



D3B2D8



E9ADB5



A3C6A1



82C9C5



# Sweetspot

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



D3B2D8



FDF2FF



B2B7D8



7E7880



000000



808080



# Same Dimension

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



D3B2D8



F8C9FF



D8B2CA



6A606B



9400AB



26002B



# Inverse Universe

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



D8B2B7



FFC9D0



B2D8C0



6B6062



AB0016

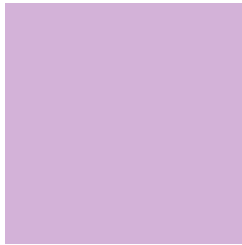


2B0006



# Previews

## White Background



This preview shows how the Hex color D3B2D8 looks on a white background.

## Color Contrast Check

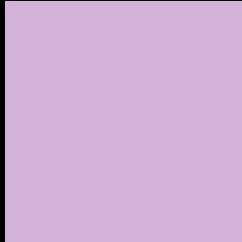
Large Text (above 18pt) WCAG AA × Fail

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 D3B2D8 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

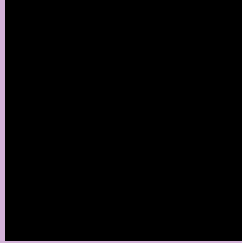
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex D3B2D8 Background



This preview shows how black text looks on a background with the Hex color D3B2D8.

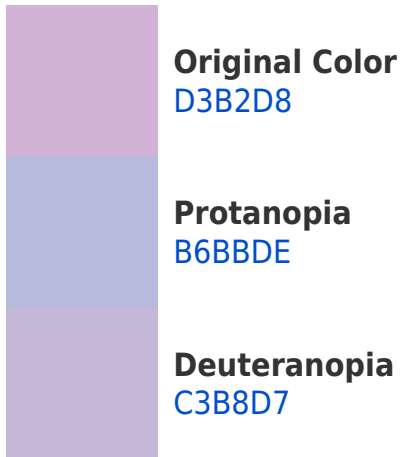


This preview shows how white text looks on a background with the Hex color D3B2D8.

# 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**  
D0B6C4

# Trichromacy



**Original Color**  
D3B2D8

**Protanomaly**  
C1B8DC

**Deuteranomaly**  
C9B6D7

**Tritanomaly**  
D1B5CB

# Monochromacy



**Original Color**  
D3B2D8

**Achromatopsia**  
C0C0C0

**Achromatomaly**  
C7BBC9

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D3B2D8 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 #D3B2D8 looks like.

```
.text, #text, p{  
    color:#D3B2D8  
}
```

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 #D3B2D8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D3B2D8  
}
```

## Border

The CSS property to change the border of an element to Hex D3B2D8 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  
#D3B2D8 }
```

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

```
.border{ border-color:#D3B2D8 }
```

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

Here you see how a box with a 4 pixel #D3B2D8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D3B2D8; -webkit-box-shadow:4px 4px  
4px 4px #D3B2D8; box-shadow:4px 4px 4px  
4px #D3B2D8 }
```

# Background

The CSS property to change the background color of an element to Hex D3B2D8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D3B2D8 }
```

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

```
.background{ background-color:#D3B2D8 }
```

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