

# Converting Colors

Hex(D3B7E0)

Have a look what the booklet for  
Hex(D3B7E0) contains.

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# **Color**

**Hex(D3B7E0)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D3B7E0
RGB	211, 183, 224
RGB Percent	83%, 72%, 88%
CMY	0.1725, 0.2824, 0.1216
CMYK	0.06, 0.18, 0.00, 0.12
HSL	281°, 40%, 80%
HSV	281°, 18%, 88%
XYZ	57.2520, 53.0977, 77.7524
YIQ	196.0460, 3.5270, 18.6870

# Conversions

## Conversions Part 2

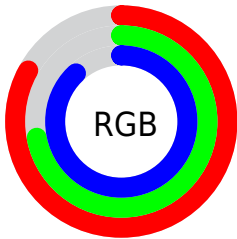
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	211, 183, 224
Decimal	13875168
CIE Lab	77.93, 17.39, -16.81
CIE LCh	78, 24.184, 315.961
Yxy	53.0977, 0.3044, 0.2823
Android (android.graphics.Color)	4292065248 (0xFFD3B7E0)
YUV	196.0460, 13.7813, 13.1147
Hunter-Lab	72.8682, 12.7269, -12.2564

# Details

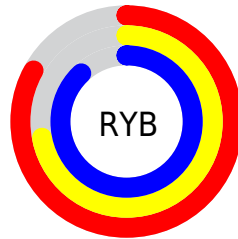
The Hex color **D3B7E0** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **C4E0B7**, and the grayscale version is **C4C4C4**.

A 20% lighter version of the original color is **FFEFFF**, and **9C82A9** is the 20% darker color. If you saturate the color by 10%, you get **CCA1E0**, and if you desaturate by 10%, it is **DACDE0**.

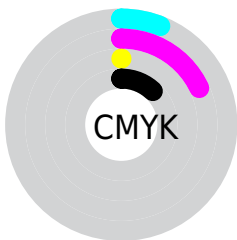
# Distribution



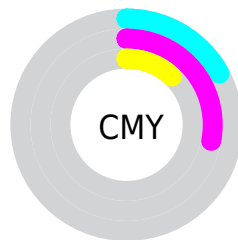
- Red (83%)
- Green (72%)
- Blue (88%)



- Red (83%)
- Yellow (72%)
- Blue (88%)



- Cyan (6%)
- Magenta (18%)
- Yellow (0%)
- Black (12%)



- Cyan (17%)
- Magenta (28%)
- Yellow (12%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D3B7E0 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 D3B7E0 by changing the saturation by 10% instead.



 D3B7E0

 D3B7E0

FFFFFF

 B79CC4

 FFEFFF

 9C82A9

 82698E

 695075

 50395C

 392344

 220F2E

 070019

 000000

 D3B7E0

 D3B7E0

 CCA1E0

 DACDE0

 C58AE0

 E1E4E0

 BE74E0

 E8FAE0

 B75DE0

 EFFFEO

 AF47E0

 F7FFE0

 A831E0

 FEFEE0

 A11AE0

 FFFFE0

 9A04E0

 9900E0

# Harmonies

## Analogous

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



B6BFEC



D3B7E0



E7B2CC

# Triad

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



D3B7E0



DBBC96



83CDCC

# Complementary

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



D3B7E0



C4E0B7

# 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.



93CDB5



D3B7E0



C5C395

# Square

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



D3B7E0



EAB5A1



ACC9A1



84CBE0

# Rectangle

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



D3B7E0



EEB1BD



ACC9A1



87CEC4



# Sweetspot

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



D3B7E0



FBF2FF



B7C5E0



7D7880



000000



808080



# Same Dimension

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



D3B7E0



EDC7FF



E0B7D9



6D6570



7800B0



210030



# Inverse Universe

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



E0B7C4



FFC7D9



B7E0BE



706569



B00038

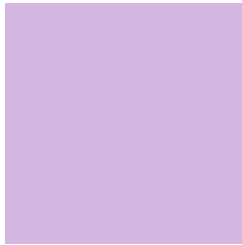


30000F



# Previews

## White Background



This preview shows how the Hex color D3B7E0 looks on a white background.

## Color Contrast Check

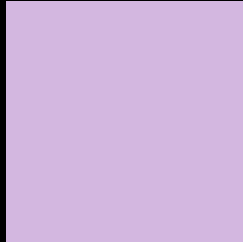
Large Text (above 18pt) WCAG AA × Fail

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 D3B7E0 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 D3B7E0 Background



This preview shows how black text looks on a background with the Hex color D3B7E0.

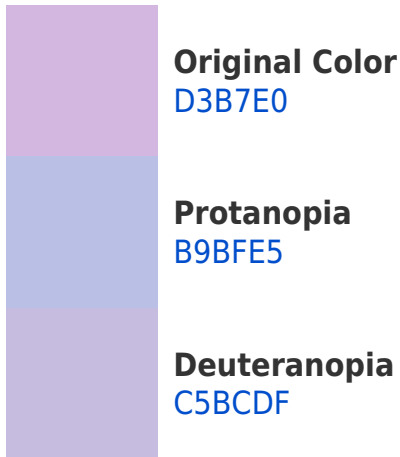


This preview shows how white text looks on a background with the Hex color D3B7E0.

# 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





# Trichromacy



**Original Color**  
D3B7E0

**Protanomaly**  
C2BCE3

**Deuteranomaly**  
CABADF

**Tritanomaly**  
D1BAD2

# Monochromacy



**Original Color**  
D3B7E0

**Achromatopsia**  
C4C4C4

**Achromatomaly**  
C9BFCE

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D3B7E0 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 #D3B7E0 looks like.

```
.text, #text, p{  
    color:#D3B7E0  
}
```

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 #D3B7E0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D3B7E0
}
```

## Border

The CSS property to change the border of an element to Hex D3B7E0 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
#D3B7E0 }
```

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

```
.border{ border-color:#D3B7E0 }
```

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

Here you see how a box with a 4 pixel #D3B7E0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D3B7E0; -webkit-box-shadow:4px 4px  
4px 4px #D3B7E0; box-shadow:4px 4px 4px  
4px #D3B7E0 }
```

# Background

The CSS property to change the background color of an element to Hex D3B7E0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D3B7E0 }
```

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

```
.background{ background-color:#D3B7E0 }
```

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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