

# Converting Colors

Hex(D3B8E6)

Have a look what the booklet for  
Hex(D3B8E6) contains.

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# **Color**

**Hex(D3B8E6)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D3B8E6
RGB	211, 184, 230
RGB Percent	83%, 72%, 90%
CMY	0.1725, 0.2784, 0.0980
CMYK	0.08, 0.20, 0.00, 0.10
HSL	275°, 48%, 81%
HSV	275°, 20%, 90%
XYZ	58.2874, 53.8430, 82.1836
YIQ	197.3170, 1.3260, 20.0300

# Conversions

## Conversions Part 2

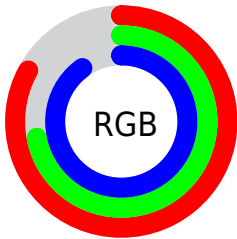
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	211, 184, 230
Decimal	13875430
CIE Lab	78.37, 18.03, -19.39
CIE LCh	78, 26.478, 312.917
Yxy	53.8430, 0.3000, 0.2771
Android (android.graphics.Color)	4292065510 (0xFFD3B8E6)
YUV	197.3170, 16.1127, 12.0000
Hunter-Lab	73.3778, 13.3796, -15.0407

# Details

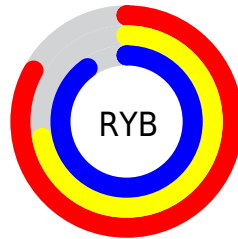
The Hex color **D3B8E6** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **CBE6B8**, and the grayscale version is **C5C5C5**.

A 20% lighter version of the original color is **FFF0FF**, and **9C83AE** is the 20% darker color. If you saturate the color by 10%, you get **C9A1E6**, and if you desaturate by 10%, it is **DCCFE6**.

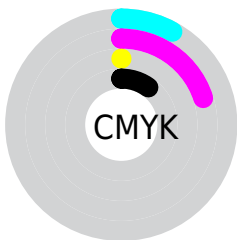
# Distribution



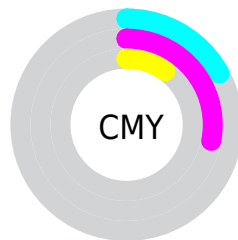
- Red (83%)
- Green (72%)
- Blue (90%)



- Red (83%)
- Yellow (72%)
- Blue (90%)



- Cyan (8%)
- Magenta (20%)
- Yellow (0%)
- Black (10%)



- Cyan (17%)
- Magenta (28%)
- Yellow (10%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D3B8E6 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 D3B8E6 by changing the saturation by 10% instead.



 D3B8E6

FFFFFF

 FFF0FF

 D3B8E6

 B79DCA

 9C83AE

 826A94

 68517A

 503A61

 382449

 220F32

 09001D

 000000

 D3B8E6

 D3B8E6

 C9A1E6

 DCCFE6

 C08AE6

 E6E6E6

 B673E6

 F0FDE6

 AD5CE6

 F9FFE6

 A345E6

 FFFFE6

 9A2EE6

 9017E6

 8700E6

# Harmonies

## Analogous

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



B3C0F1



D3B8E6



EAB2D1

# Triad

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



D3B8E6



E1BB93



7ED0CC

# Complementary

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



D3B8E6



CBE6B8

# 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.



92CFB3



D3B8E6



C9C492

# Square

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



D3B8E6



F0B4A1



ADCA9D



7DCEE2

# Rectangle

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



D3B8E6



F2B0C0



ADCA9D



83D0C3



# Sweetspot

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



D3B8E6



F9F0FF



B8CBE6



7C7780



000000



808080



# Same Dimension

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



D3B8E6



E6C2FF



E6B8E2



6E6773



6900B3



1E0033



# Inverse Universe

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



E6B8CB



FFC2DB



B8E6BC



73676C



B3004A

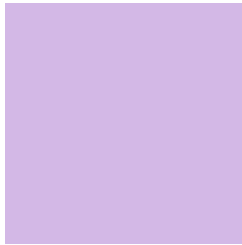


330015



# Previews

## White Background



This preview shows how the Hex color D3B8E6 looks on a white background.

## Color Contrast Check

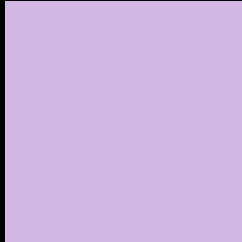
Large Text (above 18pt) WCAG AA × Fail

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 D3B8E6 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 D3B8E6 Background



This preview shows how black text looks on a background with the Hex color D3B8E6.

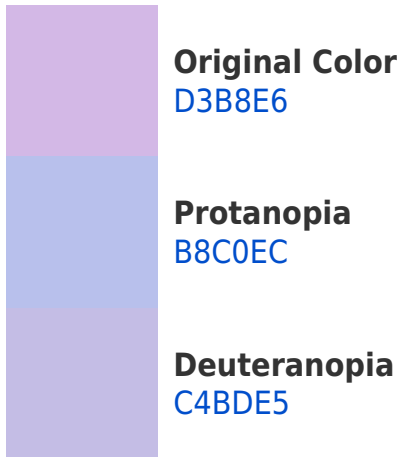


This preview shows how white text looks on a background with the Hex color D3B8E6.

# 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**  
D3B8E6

**Protanomaly**  
C2BDEA

**Deuteranomaly**  
C9BBE5

**Tritanomaly**  
D0BBD5

# Monochromacy



**Original Color**  
D3B8E6

**Achromatopsia**  
C5C5C5

**Achromatomaly**  
CAC0D1

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D3B8E6 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 #D3B8E6 looks like.

```
.text, #text, p{  
    color:#D3B8E6  
}
```

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 #D3B8E6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D3B8E6
}
```

## Border

The CSS property to change the border of an element to Hex D3B8E6 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
#D3B8E6 }
```

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

```
.border{ border-color:#D3B8E6 }
```

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

Here you see how a box with a 4 pixel #D3B8E6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D3B8E6; -webkit-box-shadow:4px 4px  
4px 4px #D3B8E6; box-shadow:4px 4px 4px  
4px #D3B8E6 }
```

# Background

The CSS property to change the background color of an element to Hex D3B8E6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D3B8E6 }
```

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

```
.background{ background-color:#D3B8E6 }
```

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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