

# Converting Colors

Hex(D8B3E7)

Have a look what the booklet for  
Hex(D8B3E7) contains.

<b>Hex(D8B3E7)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(D8B3E7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D8B3E7
RGB	216, 179, 231
RGB Percent	85%, 70%, 91%
CMY	0.1529, 0.2980, 0.0941
CMYK	0.06, 0.23, 0.00, 0.09
HSL	283°, 52%, 80%
HSV	283°, 23%, 91%
XYZ	58.8628, 52.6087, 82.6534
YIQ	195.9910, 5.3600, 24.0160

# Conversions

## Conversions Part 2

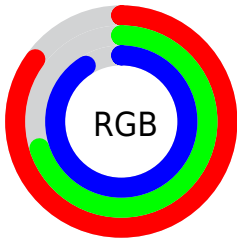
Format	Color
R <sub>Y</sub> B	216, 179, 231
Decimal	14201831
CIE Lab	77.64, 22.56, -20.99
CIE LCh	78, 30.811, 317.059
Yxy	52.6087, 0.3032, 0.2710
Android (android.graphics.Color)	4292391911 (0xFFD8B3E7)
YUV	195.9910, 17.2594, 17.5479
Hunter-Lab	72.5318, 17.9300, -16.7914

# Details

The Hex color **D8B3E7** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **C2E7B3**, and the grayscale version is **C4C4C4**.

A 20% lighter version of the original color is **FFEBFF**, and **A17EAF** is the 20% darker color. If you saturate the color by 10%, you get **D19CE7**, and if you desaturate by 10%, it is **DFCAE7**.

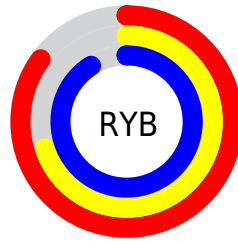
# Distribution



Red (85%)

Green (70%)

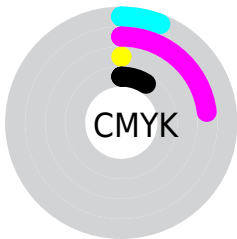
Blue (91%)



Red (85%)

Yellow (70%)

Blue (91%)

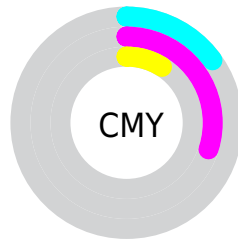


Cyan (6%)

Magenta (23%)

Yellow (0%)

Black (9%)



Cyan (15%)

Magenta (30%)

Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D8B3E7 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 D8B3E7 by changing the saturation by 10% instead.



 D8B3E7

 D8B3E7

FFFFFF

 BC98CB

 FFE8FF

 A17EAF

 866595

 6D4D7B

 543562

 3C1F4A

 250A33

 0C001E

 000000

 D8B3E7

 D8B3E7

 D19CE7

 DFCAE7

 CB85E7

 E5E1E7

 C46EE7

 ECF8E7

 BD57E7

 F3FFE7

 B73FE7

 F9FFE7

 B028E7

 FFFFE7

 A911E7

 A400E7

# Harmonies

## Analogous

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



B3BDF6



D8B3E7



F1ACCD

# Triad

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



D8B3E7



E0BA89



6BD0D0

# Complementary

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



D8B3E7



C2E7B3

# 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.



83CFB2



D8B3E7



C4C389

# Square

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



D8B3E7



F3B197



A3CB98



6CCDE9

# Rectangle

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



D8B3E7



F8ABBA



A3CB98



71D0C6



# Sweetspot

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



D8B3E7



FAEDFF



B3C3E7



7D7580



000000



808080



# Same Dimension

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



D8B3E7



EBBAFF



E7B3DD



6F6773



7F00B3



240033



# Inverse Universe

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



E7B3C2



FFBACE



B3E7BD



73676B



B30033

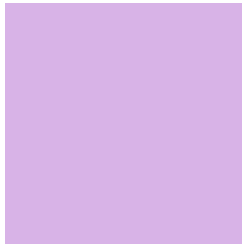


33000F



# Previews

## White Background



This preview shows how the Hex color D8B3E7 looks on a white background.

## Color Contrast Check

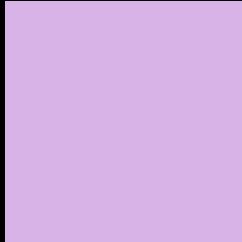
Large Text (above 18pt) WCAG AA × Fail

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 D8B3E7 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 D8B3E7 Background



This preview shows how black text looks on a background with the Hex color D8B3E7.

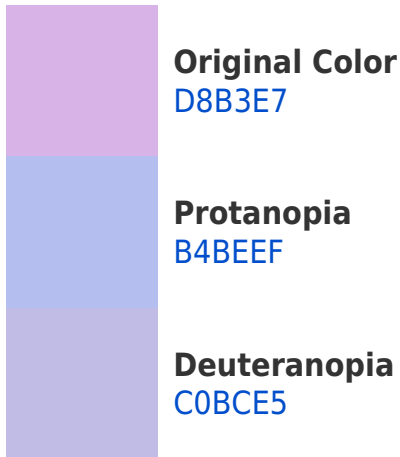


This preview shows how white text looks on a background with the Hex color D8B3E7.

# 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**  
D3B9C7

# Trichromacy



**Original Color**  
D8B3E7

**Protanomaly**  
C1BAEC

**Deuteranomaly**  
C9B9E6

**Tritanomaly**  
D5B7D3

# Monochromacy



**Original Color**  
D8B3E7

**Achromatopsia**  
C4C4C4

**Achromatomaly**  
CBBED1

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D8B3E7 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 #D8B3E7 looks like.

```
.text, #text, p{  
    color:#D8B3E7  
}
```

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 #D8B3E7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D8B3E7
}
```

## Border

The CSS property to change the border of an element to Hex D8B3E7 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
#D8B3E7 }
```

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

```
.border{ border-color:#D8B3E7 }
```

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

Here you see how a box with a 4 pixel #D8B3E7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D8B3E7; -webkit-box-shadow:4px 4px  
4px 4px #D8B3E7; box-shadow:4px 4px 4px  
4px #D8B3E7 }
```

# Background

The CSS property to change the background color of an element to Hex D8B3E7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D8B3E7 }
```

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

```
.background{ background-color:#D8B3E7 }
```

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