

# Converting Colors

Hex(D7BAEF)

Have a look what the booklet for  
Hex(D7BAEF) contains.

<b>Hex(D7BAEF)</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(D7BAEF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D7BAEF
RGB	215, 186, 239
RGB Percent	84%, 73%, 94%
CMY	0.1569, 0.2706, 0.0627
CMYK	0.10, 0.22, 0.00, 0.06
HSL	273°, 62%, 83%
HSV	273°, 22%, 94%
XYZ	61.1632, 55.7969, 89.2076
YIQ	200.7130, 0.2710, 22.6310

# Conversions

## Conversions Part 2

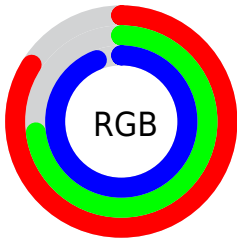
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	215, 186, 239
Decimal	14138095
CIE Lab	79.50, 20.04, -22.49
CIE LCh	79, 30.127, 311.703
Yxy	55.7969, 0.2967, 0.2706
Android (android.graphics.Color)	4292328175 (0xFFD7BAEF)
YUV	200.7130, 18.8755, 12.5297
Hunter-Lab	74.6973, 15.4381, -18.5192

# Details

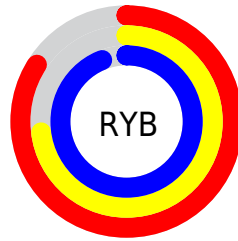
The Hex color **D7BAEF** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **D2EFBA**, and the grayscale version is **C9C9C9**.

A 20% lighter version of the original color is **FFF2FF**, and **A085B7** is the 20% darker color. If you saturate the color by 10%, you get **CCA2EF**, and if you desaturate by 10%, it is **E2D2EF**.

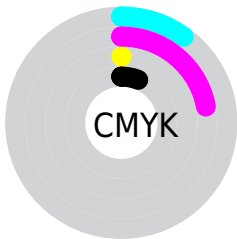
# Distribution



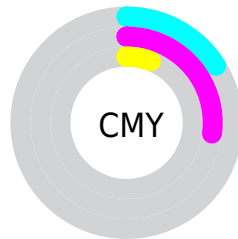
- Red (84%)
- Green (73%)
- Blue (94%)



- Red (84%)
- Yellow (73%)
- Blue (94%)



- Cyan (10%)
- Magenta (22%)
- Yellow (0%)
- Black (6%)



- Cyan (16%)
- Magenta (27%)
- Yellow (6%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D7BAEF 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 D7BAEF by changing the saturation by 10% instead.



 D7BAEF

FFFFFF

 FFF2FF

 D7BAEF

 BB9FD3

 A085B7

 856B9C

 6C5382

 533C69

 3B2550

 241139

 120024

 00000B

 D7BAEF

 D7BAEF

 CCA2EF

 E2D2EF

 C18AEF

 EDEAEF

 B772EF

 F7FFEF

 AC5AEF

 FFFFEF

 A142EF

 962BEF

 8B13EF

 8300EF

# Harmonies

## Analogous

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



B1C4FC



D7BAEF



F2B2D7

# Triad

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



D7BAEF



E9BD90



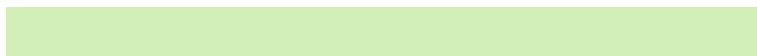
75D5CF

# Complementary

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



D7BAEF



D2EFBA

# 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.



8FD3B2



D7BAEF



CEC78E

# Square

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



D7BAEF



FAB5A1



AFCE9A



72D3E9

# Rectangle

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



D7BAEF



FBB0C4



AFCE9A



7CD5C6



# Sweetspot

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



D7BAEF



F7EDFF



BAD3EF



7B7580



000000



808080



# Same Dimension

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



D7BAEF



E0BAFF



EFBAED



726C78



6400B8



1F0038



# Inverse Universe

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



EFBAD2



FFBAD9



BAEFBC



786C71



B80053

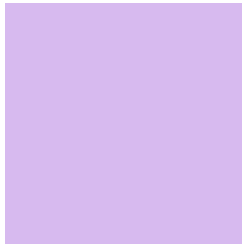


380019



# Previews

## White Background



This preview shows how the Hex color D7BAEF looks on a white background.

## Color Contrast Check

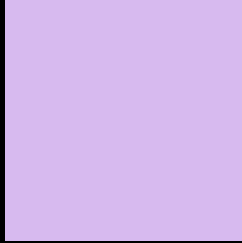
Large Text (above 18pt) WCAG AA × Fail

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 D7BAEF 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 D7BAEF Background



This preview shows how black text looks on a background with the Hex color D7BAEF.

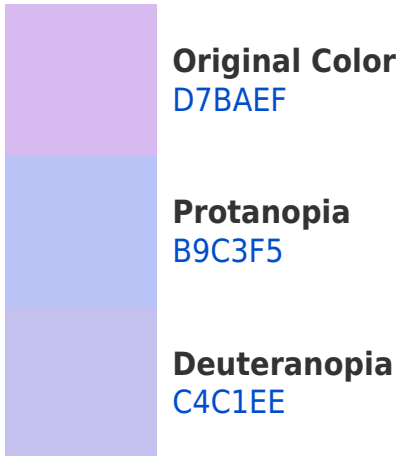


This preview shows how white text looks on a background with the Hex color D7BAEF.

# 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**  
D2C0CF

# Trichromacy



**Original Color**  
D7BAEF

**Protanomaly**  
C4C0F3

**Deuteranomaly**  
CBBEEE

**Tritanomaly**  
D4BEDB

# Monochromacy



**Original Color**  
D7BAEF

**Achromatopsia**  
C9C9C9

**Achromatomaly**  
CEC4D7

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D7BAEF 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 #D7BAEF looks like.

```
.text, #text, p{  
    color:#D7BAEF  
}
```

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 #D7BAEF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D7BAEF
}
```

## Border

The CSS property to change the border of an element to Hex D7BAEF 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
#D7BAEF }
```

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

```
.border{ border-color:#D7BAEF }
```

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

Here you see how a box with a 4 pixel #D7BAEF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D7BAEF; -webkit-box-shadow:4px 4px  
4px 4px #D7BAEF; box-shadow:4px 4px 4px  
4px #D7BAEF }
```

# Background

The CSS property to change the background color of an element to Hex D7BAEF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D7BAEF }
```

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

```
.background{ background-color:#D7BAEF }
```

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