

Converting Colors

Hex(D7BDD5)

Have a look what the booklet for
Hex(D7BDD5) contains.

Hex(D7BDD5)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(D7BDD5)

Conversions

Conversions Part 1

Format	Color
Hex	D7BDD5
RGB	215, 189, 213
RGB Percent	84%, 74%, 84%
CMY	0.1569, 0.2588, 0.1647
CMYK	0.00, 0.12, 0.01, 0.16
HSL	305°, 25%, 79%
HSV	305°, 12%, 84%
XYZ	58.2322, 55.6464, 70.6224
YIQ	199.5100, 7.7920, 12.9760

Conversions

Conversions Part 2

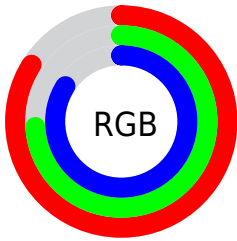
Format	Color
R_{YB}	215, 189, 213
Decimal	14138837
CIE Lab	79.41, 13.40, -8.62
CIE LCh	79, 15.937, 327.254
Yxy	55.6464, 0.3156, 0.3016
Android (android.graphics.Color)	4292328917 (0xFFD7BDD5)
YUV	199.5100, 6.6506, 13.5847
Hunter-Lab	74.5965, 8.7984, -3.9139

Details

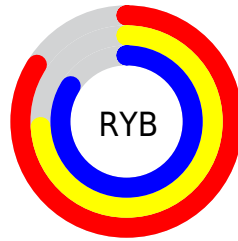
The Hex color **D7BDD5** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **BDD7BF**, and the grayscale version is **C7C7C7**.

A 20% lighter version of the original color is **FFF5FF**, and **A0889E** is the 20% darker color. If you saturate the color by 10%, you get **D7A8D3**, and if you desaturate by 10%, it is **D7D3D7**.

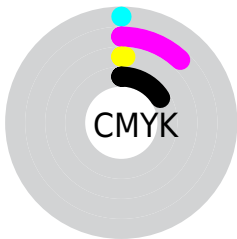
Distribution



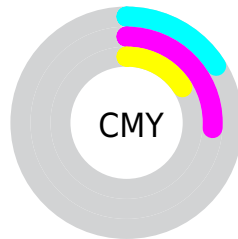
- Red (84%)
- Green (74%)
- Blue (84%)



- Red (84%)
- Yellow (74%)
- Blue (84%)



- Cyan (0%)
- Magenta (12%)
- Yellow (1%)
- Black (16%)



- Cyan (16%)
- Magenta (26%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color D7BDD5 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 D7BDD5 by changing the saturation by 10% instead.

 D7BDD5

 D7BDD5

FFFFFF

 BBA2B9

 FFF5FF

 A0889E

 866E84

 6C566B

 543E53

 3D283C

 271426

 120011

 000000

 D7BDD5

 D7BDD5

 D7A8D3

 D7D3D7

 D792D2

 D7E8D8

 D77DD0

 D7FEDA

 D767CE

 D7FFDC

 D752CD

 D7FFDD

 D73CCB

 D7FFDF

 D727C9

 D7FFE1

 D711C8

 D7FFE2

 D700C6

 D7FFE4

Harmonies

Analogous

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



C6C1DF



D7BDD5



E2BBC7

Triad

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



D7BDD5



D2C3A7



9ECDD2

Complementary

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



D7BDD5



BDD7BF

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.



A4CDC3



D7BDD5



C2C8AA

Square

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



D7BDD5



DFBEAC



B1CCB4



A4CBDD

Rectangle

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



D7BDD5



E4BBBD



B1CCB4



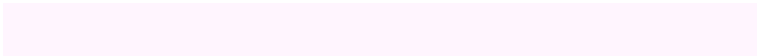
9FCDCD

Sweetspot

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



D7BDD5



FFF5FE



BFBDD7



80797F



000000



808080

Same Dimension

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



D7BDD5



FFD9FC



D7BDC8



6B606A



AB009E



2B0028

Inverse Universe

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



D7BDD5



FFD9FC



BDD7CC



6B606A



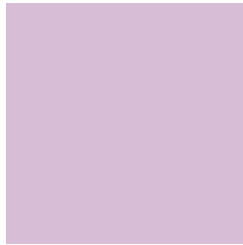
AB009E



2B0028

Previews

White Background



This preview shows how the Hex color D7BDD5 looks on a white background.

Color Contrast Check

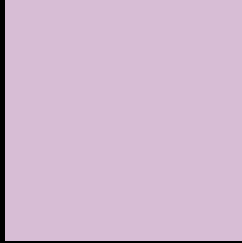
Large Text (above 18pt) WCAG AA × Fail

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 D7BDD5 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

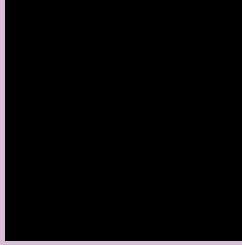
Any Text WCAG AA ✓ Pass

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 D7BDD5 Background



This preview shows how black text looks on a background with the Hex color D7BDD5.



This preview shows how white text looks on a background with the Hex color D7BDD5.

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



Original Color
D7BDD5

Protanopia
C2C4D9

Deuteranopia
D1BFD5



Tritanopia
D6BECD

Trichromacy



Original Color
D7BDD5

Protanomaly
CAC1D8

Deuteranomaly
D3BED5

Tritanomaly
D6BED0

Monochromacy



Original Color
D7BDD5

Achromatopsia
C8C8C8

Achromatomaly
CDC4CD

CSS Examples

Text

The CSS property to change the color of the text to Hex D7BDD5 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 #D7BDD5 looks like.

```
.text, #text, p{  
    color:#D7BDD5  
}
```

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 #D7BDD5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D7BDD5
}
```

Border

The CSS property to change the border of an element to Hex D7BDD5 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
#D7BDD5 }
```

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

```
.border{ border-color:#D7BDD5 }
```

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

Here you see how a box with a 4 pixel #D7BDD5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D7BDD5; -webkit-box-shadow:4px 4px  
4px 4px #D7BDD5; box-shadow:4px 4px 4px  
4px #D7BDD5 }
```

Background

The CSS property to change the background color of an element to Hex D7BDD5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D7BDD5 }
```

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

```
.background{ background-color:#D7BDD5 }
```

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