

# Converting Colors

Hex(CDB7DA)

Have a look what the booklet for  
Hex(CDB7DA) contains.

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# **Color**

**Hex(CDB7DA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CDB7DA
RGB	205, 183, 218
RGB Percent	80%, 72%, 85%
CMY	0.1961, 0.2824, 0.1451
CMYK	0.06, 0.16, 0.00, 0.15
HSL	278°, 32%, 79%
HSV	278°, 16%, 85%
XYZ	54.7652, 51.9081, 73.4625
YIQ	193.5680, 1.8770, 15.5490

# Conversions

## Conversions Part 2

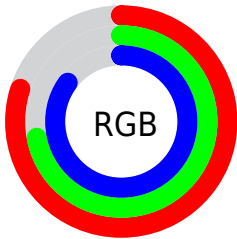
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	205, 183, 218
Decimal	13481946
CIE Lab	77.23, 14.23, -14.68
CIE LCh	77, 20.443, 314.102
Yxy	51.9081, 0.3040, 0.2882
Android (android.graphics.Color)	4291672026 (0xFFCDB7DA)
YUV	193.5680, 12.0450, 10.0259
Hunter-Lab	72.0473, 9.6004, -10.0216

# Details

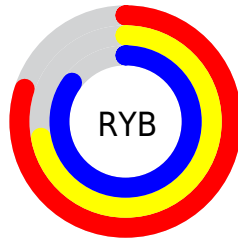
The Hex color **CDB7DA** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **C4DAB7**, and the grayscale version is **C1C1C1**.

A 20% lighter version of the original color is **FFEEFF**, and **9782A3** is the 20% darker color. If you saturate the color by 10%, you get **C5A1DA**, and if you desaturate by 10%, it is **D5CDDA**.

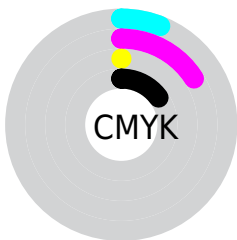
# Distribution



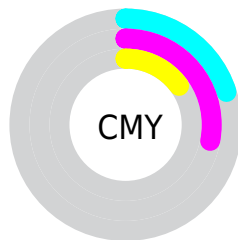
- Red (80%)
- Green (72%)
- Blue (85%)



- Red (80%)
- Yellow (72%)
- Blue (85%)



- Cyan (6%)
- Magenta (16%)
- Yellow (0%)
- Black (15%)



- Cyan (20%)
- Magenta (28%)
- Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CDB7DA 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 CDB7DA by changing the saturation by 10% instead.



 CDB7DA

 CDB7DA

FFFFFF

 B19CBE

 FFEFFF

 9782A3

 7D6989

 63516F

 4B3A57

 34243F

 1F0F29

 000015

 000000

 CDB7DA

 CDB7DA

 C5A1DA

 D5CDDA

 BD8BDA

 DDE3DA

 B576DA

 E5F8DA

 AD60DA

 EDFFDA

 A54ADA

 F5FFDA

 9C34DA

 FEFFDA

 941EDA

 FFFFDA

 8C09DA

 8900DA

# Harmonies

## Analogous

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



B5BDE3



CDB7DA



DFB3CA

# Triad

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



CDB7DA



D7BA9B



8DCAC7

# Complementary

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



CDB7DA



C4DAB7

# 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.



9AC9B4



CDB7DA



C4C09A

# Square

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



CDB7DA



E3B4A5



AEC6A3



8EC8D8

# Rectangle

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



CDB7DA



E5B1BD



AEC6A3



90CAC1



# Sweetspot

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



CDB7DA



FAF2FF



B7C4DA



7D7880



000000



808080



# Same Dimension

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



CDB7DA



EDCFFF



DAB7D6



6A636E



6D00AD



1D002E



# Inverse Universe

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



DAB7C4



FFCFE1



B7DABB



6E6367



AD0040

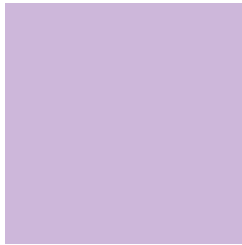


2E0011



# Previews

## White Background



This preview shows how the Hex color CDB7DA looks on a white background.

## Color Contrast Check

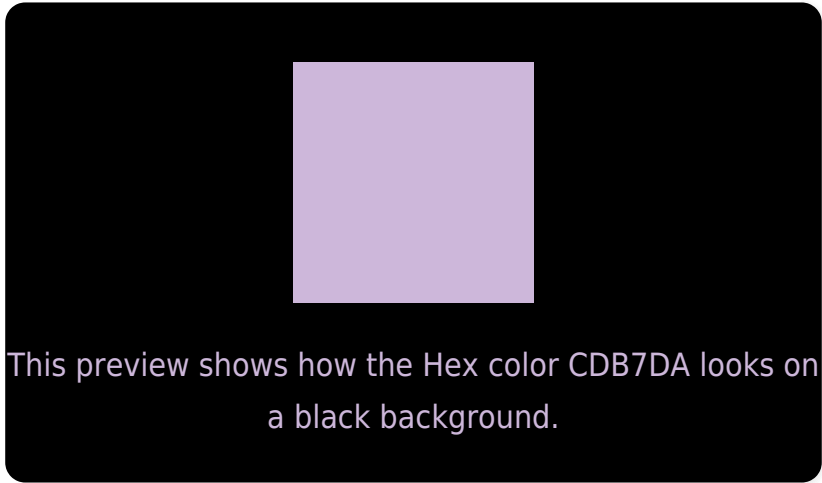
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

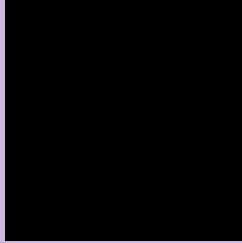
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex CDB7DA Background



This preview shows how black text looks on a background with the Hex color CDB7DA.

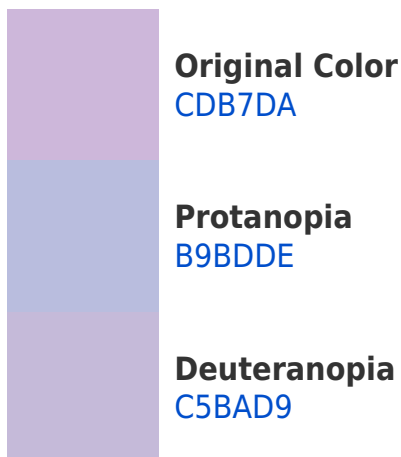


This preview shows how white text looks on a background with the Hex color CDB7DA.

# 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**  
CDB7DA

**Protanomaly**  
C0BBDD

**Deuteranomaly**  
C8B9D9

**Tritanomaly**  
CBB9CF

# Monochromacy



**Original Color**  
CDB7DA

**Achromatopsia**  
C2C2C2

**Achromatomaly**  
C6BECB

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CDB7DA 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 #CDB7DA looks like.

```
.text, #text, p{  
    color:#CDB7DA  
}
```

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 #CDB7DA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CDB7DA
}
```

## Border

The CSS property to change the border of an element to Hex CDB7DA 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
#CDB7DA }
```

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

```
.border{ border-color:#CDB7DA }
```

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

Here you see how a box with a 4 pixel #CDB7DA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CDB7DA; -webkit-box-shadow:4px 4px  
4px 4px #CDB7DA; box-shadow:4px 4px 4px  
4px #CDB7DA }
```

# Background

The CSS property to change the background color of an element to Hex CDB7DA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CDB7DA }
```

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

```
.background{ background-color:#CDB7DA }
```

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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