

Converting Colors

Hex(CDB7F6)

Have a look what the booklet for
Hex(CDB7F6) contains.

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Color

Hex(CDB7F6)

Conversions

Conversions Part 1

Format	Color
Hex	CDB7F6
RGB	205, 183, 246
RGB Percent	80%, 72%, 96%
CMY	0.1961, 0.2824, 0.0353
CMYK	0.17, 0.26, 0.00, 0.04
HSL	261°, 78%, 84%
HSV	261°, 26%, 96%
XYZ	58.7449, 53.4999, 94.4191
YIQ	196.7600, -7.1110, 24.2570

Conversions

Conversions Part 2

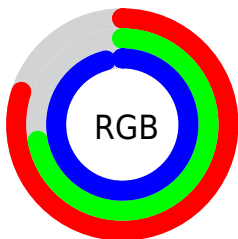
Format	Color
R _Y B	205, 183, 246
Decimal	13481974
CIE Lab	78.17, 20.00, -28.36
CIE LCh	78, 34.705, 305.198
Yxy	53.4999, 0.2843, 0.2589
Android (android.graphics.Color)	4291672054 (0xFFCDB7F6)
YUV	196.7600, 24.2753, 7.2265
Hunter-Lab	73.1436, 15.3598, -25.3353

Details

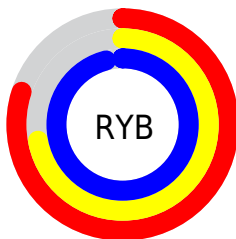
The Hex color **CDB7F6** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **E0F6B7**, and the grayscale version is **C5C5C5**.

A 20% lighter version of the original color is **FFEFF6**, and **9682BE** is the 20% darker color. If you saturate the color by 10%, you get **BD9EF6**, and if you desaturate by 10%, it is **DDD0F6**.

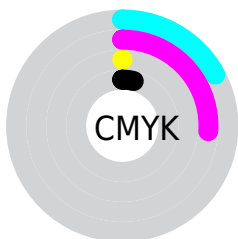
Distribution



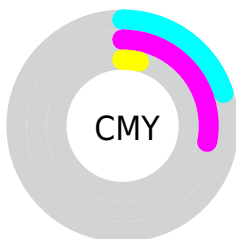
- Red (80%)
- Green (72%)
- Blue (96%)



- Red (80%)
- Yellow (72%)
- Blue (96%)



- Cyan (17%)
- Magenta (26%)
- Yellow (0%)
- Black (4%)



- Cyan (20%)
- Magenta (28%)
- Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the Hex color CDB7F6 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 CDB7F6 by changing the saturation by 10% instead.

 CDB7F6

 CDB7F6

FFFFFF

 B19CD9


 FFEFFF

 9682BE

 7C69A2

 625088

 49396E

 312356

 190F3E

 000028

 000112

 CDB7F6

 CDB7F6

 BD9EF6

 DDD0F6

 AD86F6

 EDE8F6

 9D6DF6

 FDFFF6

 8D55F6

 FFFFF6

 7D3CF6

 6D23F6

 5D0BF6

 5600F6

Harmonies

Analogous

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



9FC2FF



CDB7F6



EFADDD

Triad

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



CDB7F6



EEB688



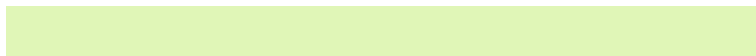
66D3C6

Complementary

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



CDB7F6



E0F6B7

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.



89D1A5



CDB7F6



D2C181

Square

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



CDB7F6



FFAD9E



AFCA8C



56D2E5

Rectangle

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



CDB7F6



FCAAC8



AFCA8C



71D3BB

Sweetspot

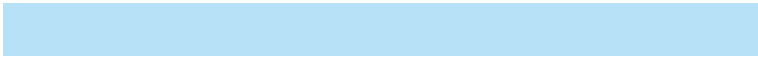
The Sweet Spot groups the original color and five complimentary colors.



CDB7F6



F2EBFF



B7E1F6



777380



000000



808080

Same Dimension

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



CDB7F6



CCB0FF



ECB7F6



726E7A



4100BA



14003B

Inverse Universe

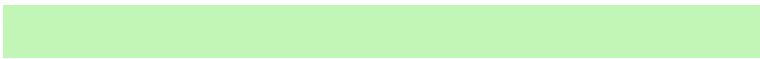
The Inverse Universe completely reimagines the original color for something new.



F6B7E0



FFB0E3



C2F6B7



7A6E76



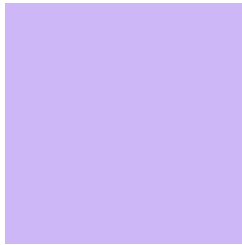
BA0079



3B0026

Previews

White Background



This preview shows how the Hex color CDB7F6 looks on a white background.

Color Contrast Check

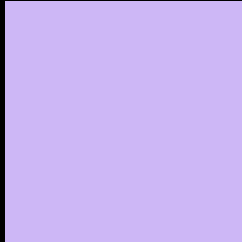
Large Text (above 18pt) WCAG AA × Fail

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 CDB7F6 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

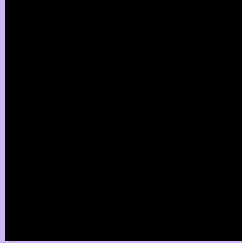
Any Text WCAG AA ✓ Pass

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 CDB7F6 Background



This preview shows how black text looks on a background with the Hex color CDB7F6.



This preview shows how white text looks on a background with the Hex color CDB7F6.

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
C6BFCE

Trichromacy



Original Color
CDB7F6

Protanomaly
BBBCFA

Deuteranomaly
C0BBF5

Tritanomaly
C9BCDD

Monochromacy



Original Color
CDB7F6

Achromatopsia
C5C5C5

Achromatomaly
C8C0D7

CSS Examples

Text

The CSS property to change the color of the text to Hex CDB7F6 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 #CDB7F6 looks like.

```
.text, #text, p{  
  color:#CDB7F6  
}
```

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 #CDB7F6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CDB7F6  
}
```

Border

The CSS property to change the border of an element to Hex CDB7F6 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  
#CDB7F6 }
```

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

```
.border{ border-color:#CDB7F6 }
```

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

Here you see how a box with a 4 pixel #CDB7F6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CDB7F6; -webkit-box-shadow:4px 4px  
4px 4px #CDB7F6; box-shadow:4px 4px 4px  
4px #CDB7F6 }
```

Background

The CSS property to change the background color of an element to Hex CDB7F6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CDB7F6 }
```

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

```
.background{ background-color:#CDB7F6 }
```

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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