

Converting Colors

Hex(CDB9E0)

Have a look what the booklet for
Hex(CDB9E0) contains.

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Color

Hex(CDB9E0)

Conversions

Conversions Part 1

Format	Color
Hex	CDB9E0
RGB	205, 185, 224
RGB Percent	80%, 73%, 88%
CMY	0.1961, 0.2745, 0.1216
CMYK	0.08, 0.17, 0.00, 0.12
HSL	271°, 39%, 80%
HSV	271°, 17%, 88%
XYZ	55.9803, 53.0589, 77.8119
YIQ	195.4260, -0.5990, 16.3690

Conversions

Conversions Part 2

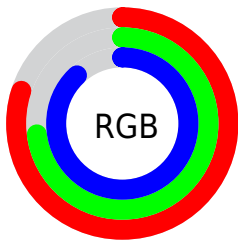
Format	Color
R _Y B	205, 185, 224
Decimal	13482464
CIE Lab	77.91, 14.33, -16.90
CIE LCh	78, 22.158, 310.309
Yxy	53.0589, 0.2996, 0.2840
Android (android.graphics.Color)	4291672544 (0xFFCDB9E0)
YUV	195.4260, 14.0870, 8.3964
Hunter-Lab	72.8415, 9.7086, -12.3466

Details

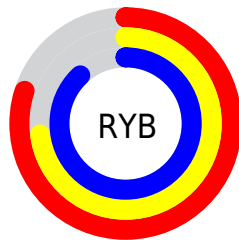
The Hex color **CDB9E0** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **CCE0B9**, and the grayscale version is **C3C3C3**.

A 20% lighter version of the original color is **FFF1FF**, and **9784A9** is the 20% darker color. If you saturate the color by 10%, you get **C2A3E0**, and if you desaturate by 10%, it is **D8CFE0**.

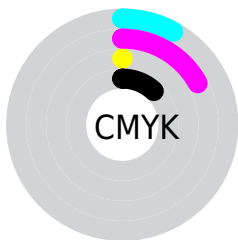
Distribution



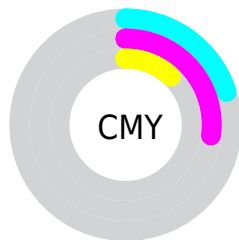
- Red (80%)
- Green (73%)
- Blue (88%)



- Red (80%)
- Yellow (73%)
- Blue (88%)



- Cyan (8%)
- Magenta (17%)
- Yellow (0%)
- Black (12%)



- Cyan (20%)
- Magenta (27%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Hex color CDB9E0 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 CDB9E0 by changing the saturation by 10% instead.

 CDB9E0

 CDB9E0

FFFFFF

 B19EC4

 FFF1FF

 9784A9

 7D6B8E

 635275

 4B3B5C

 342544

 1E112E

 000019

 000000

 CDB9E0

 CDB9E0

 C2A3E0

 D8CFE0

 B78CE0

 E3E6E0

 AC76E0

 EEFC E0


 A15FE0

 F9FFE0

 9649E0

 FFFF E0

 8C33E0

 811CE0

 7606E0

 7300E0

Harmonies

Analogous

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



B2C0E9



CDB9E0



E1B4CF

Triad

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



CDB9E0



DDBB9A



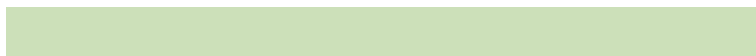
8BCDC7

Complementary

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



CDB9E0



CCE0B9

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.



9BCBB2



CDB9E0



C9C298

Square

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



CDB9E0



E9B5A7



B2C7A1



89CBDA

Rectangle

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



CDB9E0



E9B2C1



B2C7A1



8FCCC0

Sweetspot

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



CDB9E0



F9F2FF



B9CDE0



7C7880



000000



808080

Same Dimension

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



CDB9E0



E5C9FF



E0B9E0



6B6570



5A00B0



190030

Inverse Universe

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



E0B9CC



FFC9E4



B9E0B9



70656A



B00056



300018

Previews

White Background



This preview shows how the Hex color CDB9E0 looks on a white background.

Color Contrast Check

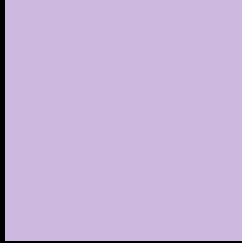
Large Text (above 18pt) WCAG AA × Fail

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 CDB9E0 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

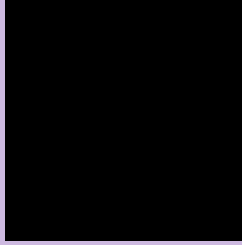
Any Text WCAG AA ✓ Pass

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 CDB9E0 Background



This preview shows how black text looks on a background with the Hex color CDB9E0.

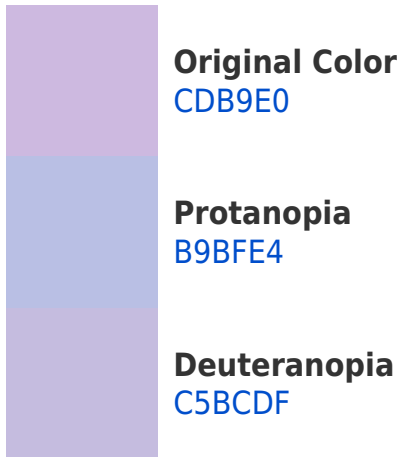


This preview shows how white text looks on a background with the Hex color CDB9E0.

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
CDB9E0

Protanomaly
C0BDE3

Deuteranomaly
C8BBDF

Tritanomaly
CBB CD3

Monochromacy



Original Color
CDB9E0

Achromatopsia
C3C3C3

Achromatomaly
C7BFCE

CSS Examples

Text

The CSS property to change the color of the text to Hex CDB9E0 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 #CDB9E0 looks like.

```
.text, #text, p{  
    color:#CDB9E0  
}
```

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 #CDB9E0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CDB9E0
}
```

Border

The CSS property to change the border of an element to Hex CDB9E0 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
#CDB9E0 }
```

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

```
.border{ border-color:#CDB9E0 }
```

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

Here you see how a box with a 4 pixel #CDB9E0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CDB9E0; -webkit-box-shadow:4px 4px  
4px 4px #CDB9E0; box-shadow:4px 4px 4px  
4px #CDB9E0 }
```

Background

The CSS property to change the background color of an element to Hex CDB9E0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CDB9E0 }
```

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

```
.background{ background-color:#CDB9E0 }
```

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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