

# Converting Colors

Hex(CEBDDDB)

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

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# **Color**

**Hex(CEBDDDB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CEBDDB
RGB	206, 189, 219
RGB Percent	81%, 74%, 86%
CMY	0.1922, 0.2588, 0.1412
CMYK	0.06, 0.14, 0.00, 0.14
HSL	274°, 29%, 80%
HSV	274°, 14%, 86%
XYZ	56.4374, 54.6315, 74.5882
YIQ	197.5030, 0.5020, 12.9340

# Conversions

## Conversions Part 2

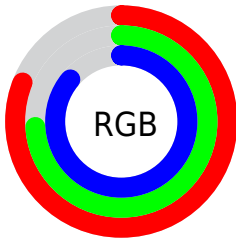
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	206, 189, 219
Decimal	13549019
CIE <sub>Lab</sub>	78.83, 11.51, -12.81
CIE <sub>LCh</sub>	79, 17.221, 311.947
Yxy	54.6315, 0.3040, 0.2943
Android (android.graphics.Color)	4291739099 (0xFFCEBDDDB)
YUV	197.5030, 10.5980, 7.4519
Hunter-Lab	73.9131, 6.9482, -8.0923

# Details

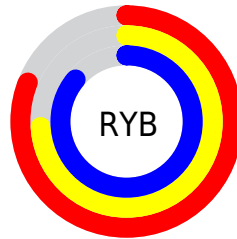
The Hex color **CEBDDB** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **CADBBD**, and the grayscale version is **C5C5C5**.

A 20% lighter version of the original color is **FFF5FF**, and **9888A4** is the 20% darker color. If you saturate the color by 10%, you get **C5A7DB**, and if you desaturate by 10%, it is **D7D3DB**.

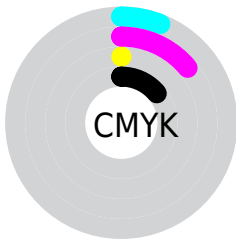
# Distribution



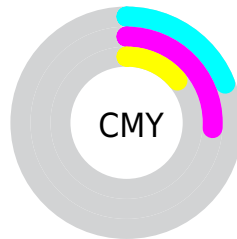
- Red (81%)
- Green (74%)
- Blue (86%)



- Red (81%)
- Yellow (74%)
- Blue (86%)



- Cyan (6%)
- Magenta (14%)
- Yellow (0%)
- Black (14%)



- Cyan (19%)
- Magenta (26%)
- Yellow (14%)

# Brightness & Saturation Gradients

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





CEBDDB

FFFFFF



FFF5FF



CEBDDB



B2A2BF



9888A4



7E6E8A



655670



4C3F58



352940



20142A



040016



000000

 CEBDDB

 CEBDDB

 C5A7DB

 D7D3DB

 BB91DB

 E1E9DB

 B27BDB

 EAFFDB

 A865DB

 F4FFDB

 9F50DB

 FDFFDB

 953ADB

 FFFFDB

 8C24DB

 820EDB

 7C00DB

# Harmonies

## Analogous

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



BAC2E2



CEBDDB



DDB9CD

# Triad

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



CEBDDB



D9BFA5



9BCDC9

# Complementary

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



CEBDD8



CADBBD

# 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.



A6CCB9



CEBDD8



C9C4A4

# Square

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



CEBDD8



E3BAAE



B7C9AB



9BCBD8

# Rectangle

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



CEBDDB



E3B8C3



B7C9AB



9DCDC4



# Sweetspot

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



CEBDDB



FBF5FF



BDCADB



7D7980



000000



808080



# Same Dimension

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



CEBDDB



EDD6FF



DBBDD9



69636E



6200AD



1A002E



# Inverse Universe

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



DBBDCA



FFD6E8



BDDBBF



6E6367



AD004B

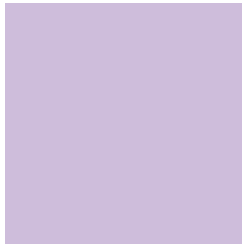


2E0014



# Previews

## White Background



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

## Color Contrast Check

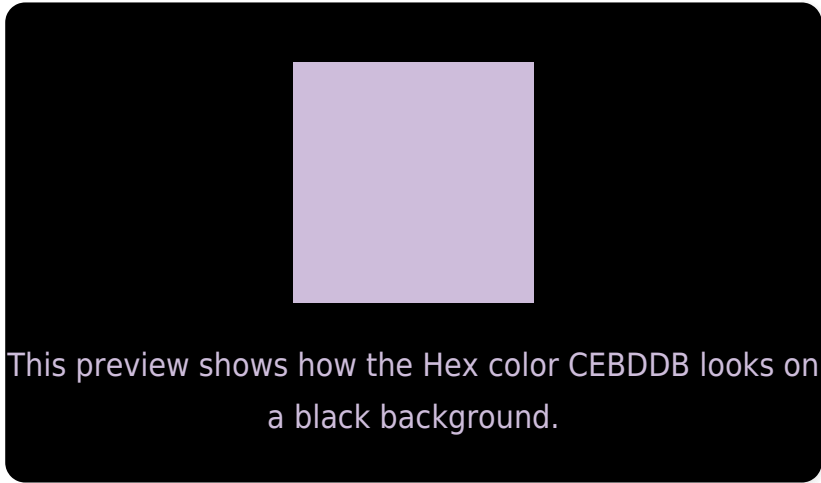
Large Text (above 18pt) WCAG AA × Fail

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

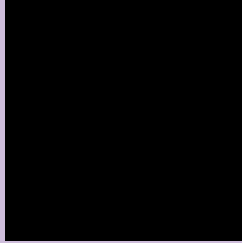
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex CEBDDB Background



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

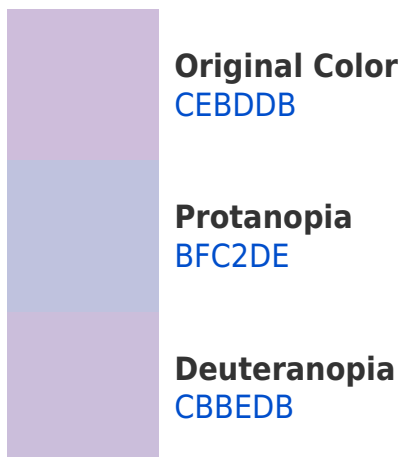


This preview shows how white text looks on a background with the Hex color CEBDDB.

# 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**  
CEBDDB

**Protanomaly**  
C4C0DD

**Deuteranomaly**  
CCBEDB

**Tritanomaly**  
CDBED3

# Monochromacy



**Original Color**  
CEBDDB

**Achromatopsia**  
C6C6C6

**Achromatomaly**  
C9C3CE

# CSS Examples

## Text

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

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

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 #CEBDDDB colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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