

Converting Colors

Hex(CDDBEE)

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

Hex(CDDBEE)	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(CDDBEE)

Conversions

Conversions Part 1

Format	Color
Hex	CDDBEE
RGB	205, 219, 238
RGB Percent	80%, 86%, 93%
CMY	0.1961, 0.1412, 0.0667
CMYK	0.14, 0.08, 0.00, 0.07
HSL	215°, 49%, 87%
HSV	215°, 14%, 93%
XYZ	65.9410, 69.8152, 90.8891
YIQ	216.9800, -14.4430, 2.9410

Conversions

Conversions Part 2

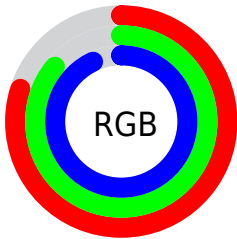
Format	Color
R _Y B	205, 215, 238
Decimal	13491182
CIE Lab	86.91, -0.93, -10.89
CIE LCh	87, 10.928, 265.121
Yxy	69.8152, 0.2909, 0.3080
Android (android.graphics.Color)	4291681262 (0xFFCDDBEE)
YUV	216.9800, 10.3629, -10.5065
Hunter-Lab	83.5555, -5.3521, -6.0050

Details

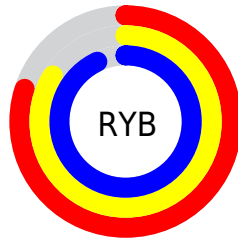
The Hex color **CDDBEE** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **EEE0CD**, and the grayscale version is **D9D9D9**.

A 20% lighter version of the original color is **FFFFFF**, and **97A4B6** is the 20% darker color. If you saturate the color by 10%, you get **B5CDEE**, and if you desaturate by 10%, it is **E5E9EE**.

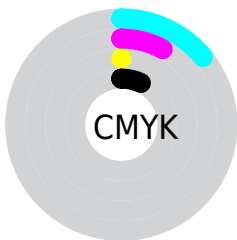
Distribution



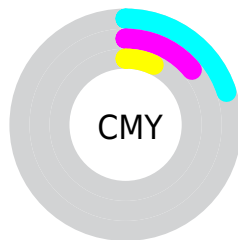
- Red (80%)
- Green (86%)
- Blue (93%)



- Red (80%)
- Yellow (84%)
- Blue (93%)



- Cyan (14%)
- Magenta (8%)
- Yellow (0%)
- Black (7%)



- Cyan (20%)
- Magenta (14%)
- Yellow (7%)

Brightness & Saturation Gradients

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

 CDDBEE

 CDDBEE

FFFFFF

 B1BFD2

 97A4B6

 7D8A9B

 637081

 4B5868

 344150

 1E2B39

 081624

 00010D

 CDDBEE

 CDDBEE

 B5CDEE

 E5E9EE

 9DC0EE

 FDF6EE

 86B2EE

 FFFFEE

 6EA4EE

 5696EE

 3E89EE

 267BEE

 0F6DEE

 0065EE

Harmonies

Analogous

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



C3DEEA



CDDBEE



DAD8EC

Triad

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



CDDBEE



F0D3D1



CDDECE

Complementary

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



CDDBEE



EEE0CD

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.



D9DCC7



CddbEE



EDD5C9

Square

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



CDDBEE



EED3DC



E4D8C5



C4E0D7

Rectangle

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



CDDBEE



E2D5E8



E4D8C5



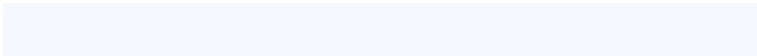
D1DECB

Sweetspot

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



CDDBEE



F5F9FF



CDEEE0



797C80



000000



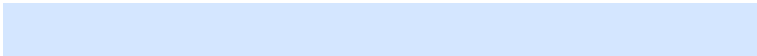
808080

Same Dimension

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



CDDBEE



D4E6FF



CFCDEE



6C7178



004EB8



001838

Inverse Universe

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



EECDDB



FFD4E6



ECEECD



786C71



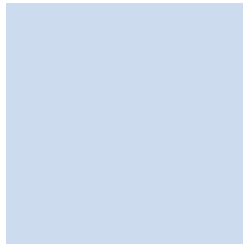
B8004E



380018

Previews

White Background



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

Color Contrast Check

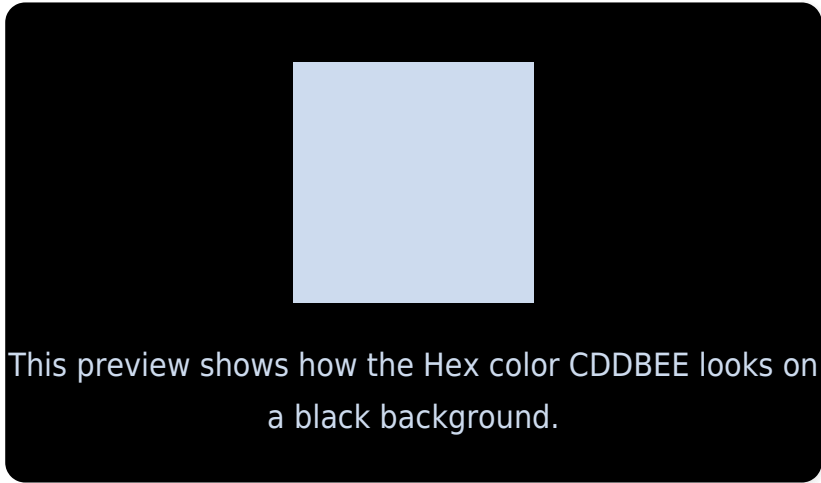
Large Text (above 18pt) WCAG AA × Fail

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

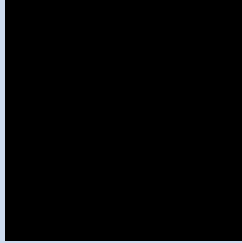
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

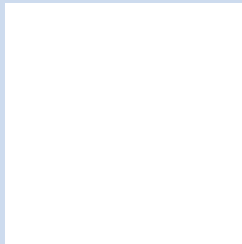
Any Text WCAG AAA ✓ Pass

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

Hex CDBEE Background



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

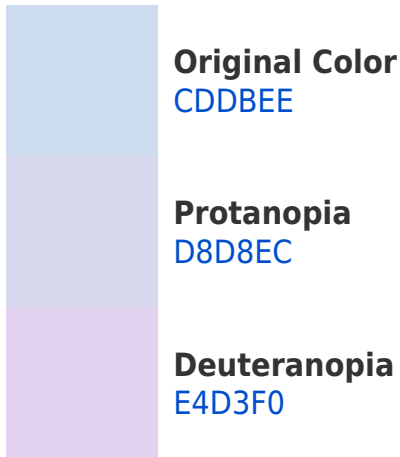


This preview shows how white text looks on a background with the Hex color CDBEE.

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](#).

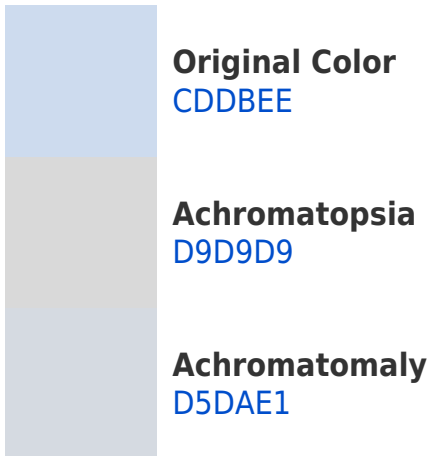
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #CDDBEE colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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