

# Converting Colors

Hex(CDBED7)

Have a look what the booklet for  
Hex(CDBED7) contains.

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# **Color**

**Hex(CDBED7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CDBED7
RGB	205, 190, 215
RGB Percent	80%, 75%, 84%
CMY	0.1961, 0.2549, 0.1569
CMYK	0.05, 0.12, 0.00, 0.16
HSL	276°, 24%, 79%
HSV	276°, 12%, 84%
XYZ	55.8560, 54.7123, 71.9066
YIQ	197.3350, 0.9150, 10.9550

# Conversions

## Conversions Part 2

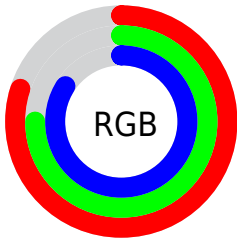
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	205, 190, 215
Decimal	13483735
CIE <sub>Lab</sub>	78.88, 9.86, -10.59
CIE <sub>LCh</sub>	79, 14.470, 312.963
Yxy	54.7123, 0.3061, 0.2998
Android (android.graphics.Color)	4291673815 (0xFFCDBED7)
YUV	197.3350, 8.7088, 6.7222
Hunter-Lab	73.9678, 5.3488, -5.8604

# Details

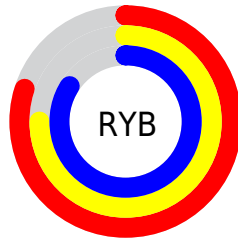
The Hex color **CDBED7** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **C8D7BE**, and the grayscale version is **C5C5C5**.

A 20% lighter version of the original color is **FFF6FF**, and **9789A0** is the 20% darker color. If you saturate the color by 10%, you get **C4A9D7**, and if you desaturate by 10%, it is **D6D4D7**.

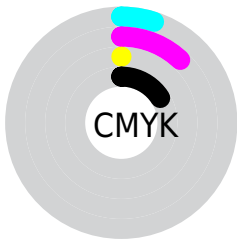
# Distribution



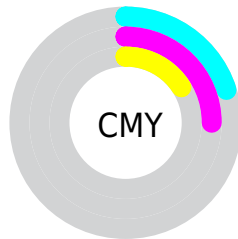
- Red (80%)
- Green (75%)
- Blue (84%)



- Red (80%)
- Yellow (75%)
- Blue (84%)



- Cyan (5%)
- Magenta (12%)
- Yellow (0%)
- Black (16%)



- Cyan (20%)
- Magenta (25%)
- Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CDBED7 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 CDBED7 by changing the saturation by 10% instead.



 CDBED7

FFFFFF

 FFF6FF

 CDBED7

 B1A3BB

 9789A0

 7D6F86

 64576D

 4C4054

 352A3D

 1F1527

 030013

 000000

 CDBED7

 CDBED7

 C4A9D7

 D6D4D7

 BC93D7

 DEE9D7

 B37ED7

 E7FFD7

 AB68D7

 EFFFFD7

 A253D7


 F8FFD7

 993DD7

 FFFFFD7

 9128D7

 8812D7

 8100D7

# Harmonies

## Analogous

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



BCC2DD



CDBED7



DABBCB

# Triad

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



CDBED7



D6C0AA



A2CBC9

# Complementary

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



CDBED7



C8D7BE

# 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.



AACBBB



CDBED7



C8C4A9

# Square

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



CDBED7



DEBCB1



B8C8AF



A2CAD5

# Rectangle

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



CDBED7



DFBAC2



B8C8AF



A4CBC4



# Sweetspot

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



CDBED7



FCF7FF



BEC8D7



7D7A80



000000



808080



# Same Dimension

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



CDBED7



F1DBFF



D7BED5



67606B



6700AB



1A002B



# Inverse Universe

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



D7BEC8



FFDBEA



BED7C1



6B6065



AB0044

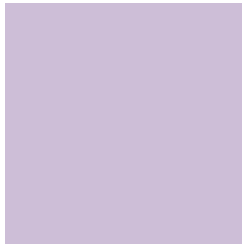


2B0011



# Previews

## White Background



This preview shows how the Hex color CDBED7 looks on a white background.

## Color Contrast Check

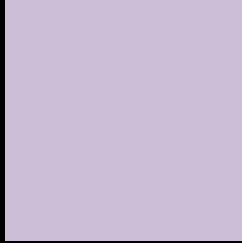
Large Text (above 18pt) WCAG AA × Fail

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 CDBED7 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

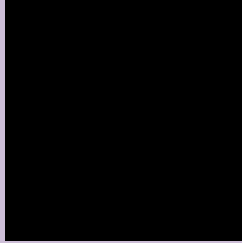
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex CDBED7 Background



This preview shows how black text looks on a background with the Hex color CDBED7.

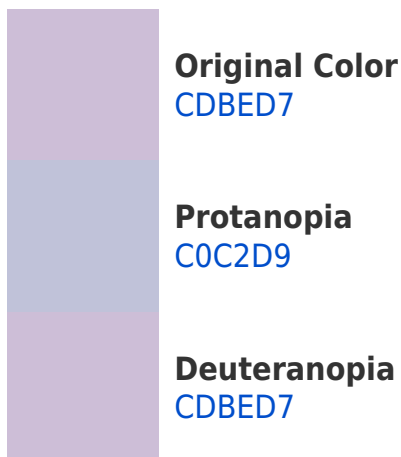


This preview shows how white text looks on a background with the Hex color CDBED7.

# 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**  
CDBED7

**Protanomaly**  
C5C1D8

**Deuteranomaly**  
CDBED7

**Tritanomaly**  
CCBFD1

# Monochromacy



**Original Color**  
CDBED7

**Achromatopsia**  
C5C5C5

**Achromatomaly**  
C8C2CC

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CDBED7 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 #CDBED7 looks like.

```
.text, #text, p{  
    color:#CDBED7  
}
```

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 #CDBED7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CDBED7  
}
```

## Border

The CSS property to change the border of an element to Hex CDBED7 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  
#CDBED7 }
```

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

```
.border{ border-color:#CDBED7 }
```

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

Here you see how a box with a 4 pixel #CDBED7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CDBED7; -webkit-box-shadow:4px 4px  
4px 4px #CDBED7; box-shadow:4px 4px 4px  
4px #CDBED7 }
```

# Background

The CSS property to change the background color of an element to Hex CDBED7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CDBED7 }
```

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

```
.background{ background-color:#CDBED7 }
```

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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