

Converting Colors

Hex(CDBAE7)

Have a look what the booklet for
Hex(CDBAE7) contains.

Hex(CDBAE7)	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(CDBAE7)

Conversions

Conversions Part 1

Format	Color
Hex	CDBAE7
RGB	205, 186, 231
RGB Percent	80%, 73%, 91%
CMY	0.1961, 0.2706, 0.0941
CMYK	0.11, 0.19, 0.00, 0.09
HSL	265°, 48%, 82%
HSV	265°, 19%, 91%
XYZ	57.1595, 53.8665, 82.9859
YIQ	196.8110, -3.1210, 18.0230

Conversions

Conversions Part 2

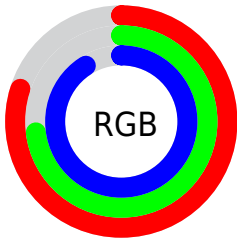
Format	Color
R _Y B	205, 186, 231
Decimal	13482727
CIE Lab	78.38, 15.21, -19.96
CIE LCh	78, 25.095, 307.317
Yxy	53.8665, 0.2946, 0.2776
Android (android.graphics.Color)	4291672807 (0xFFCDBAE7)
YUV	196.8110, 16.8552, 7.1818
Hunter-Lab	73.3938, 10.5778, -15.6632

Details

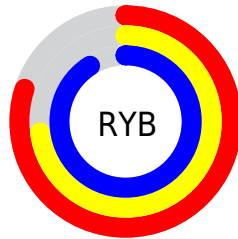
The Hex color **CDBAE7** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **D4E7BA**, and the grayscale version is **C5C5C5**.

A 20% lighter version of the original color is **FFF2FF**, and **9685AF** is the 20% darker color. If you saturate the color by 10%, you get **COA3E7**, and if you desaturate by 10%, it is **DAD1E7**.

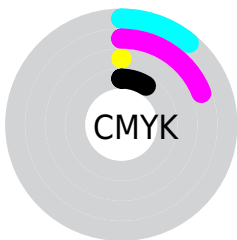
Distribution



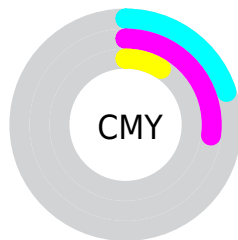
- Red (80%)
- Green (73%)
- Blue (91%)



- Red (80%)
- Yellow (73%)
- Blue (91%)



- Cyan (11%)
- Magenta (19%)
- Yellow (0%)
- Black (9%)



- Cyan (20%)
- Magenta (27%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color CDBAE7 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 CDBAE7 by changing the saturation by 10% instead.

 CDBAE7

FFFFFF

 FFF2FF

 CDBAE7

 B19FCB

 9685AF

 7C6C95

 63537B

 4B3C62

 34264A

 1D1233

 01001E

 000000

 CDBAE7

 CDBAE7

 C0A3E7

 DAD1E7

 B28CE7

 E8E8E7

 A575E7

 F5FFE7

 985EE7

 FFFFE7

 8A46E7

 7D2FE7

 7018E7

 6201E7

 6200E7

Harmonies

Analogous

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



AEC2F0



CDBAE7



E5B4D4

Triad

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



CDBAE7



E3BA98



85CFC7

Complementary

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



CDBAE7



D4E7BA

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.



99CEAF



CDBAE7



CEC294

Square

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



CDBAE7



F0B4A7



B4C99C



80CEDD

Rectangle

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



CDBAE7



EEB1C5



B4C99C



8BCFBF

Sweetspot

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



CDBAE7



F6F0FF



BAD4E7



7A7780



000000



808080

Same Dimension

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



CDBAE7



DDC4FF



E3BAE7



6C6773



4B00B3



160033

Inverse Universe

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



E7BAD4



FFC4E6



BEE7BA



73676E



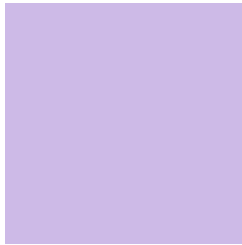
B30067



33001D

Previews

White Background



This preview shows how the Hex color CDBAE7 looks on a white background.

Color Contrast Check

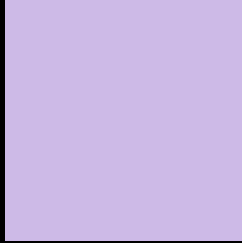
Large Text (above 18pt) WCAG AA × Fail

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 CDBAE7 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

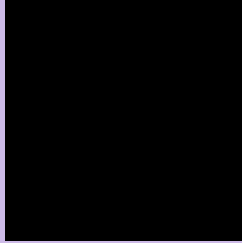
Any Text WCAG AA ✓ Pass

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 CDBAE7 Background



This preview shows how black text looks on a background with the Hex color CDBAE7.

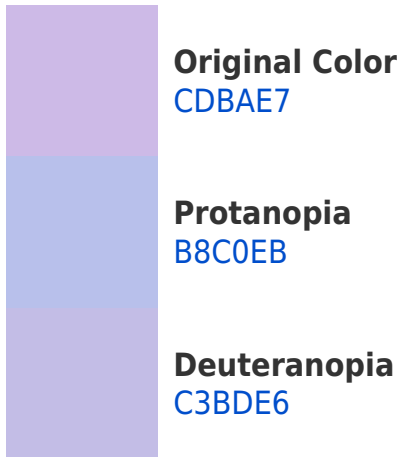


This preview shows how white text looks on a background with the Hex color CDBAE7.

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
C9BFCE

Trichromacy



Original Color
CDBAE7

Protanomaly
C0BEEA

Deuteranomaly
C7BCE6

Tritanomaly
CABDD7

Monochromacy



Original Color
CDBAE7

Achromatopsia
C5C5C5

Achromatomaly
C8C1D1

CSS Examples

Text

The CSS property to change the color of the text to Hex CDBAE7 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 #CDBAE7 looks like.

```
.text, #text, p{  
    color:#CDBAE7  
}
```

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 #CDBAE7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CDBAE7
}
```

Border

The CSS property to change the border of an element to Hex CDBAE7 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
#CDBAE7 }
```

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

```
.border{ border-color:#CDBAE7 }
```

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

Here you see how a box with a 4 pixel #CDBAE7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CDBAE7; -webkit-box-shadow:4px 4px  
4px 4px #CDBAE7; box-shadow:4px 4px 4px  
4px #CDBAE7 }
```

Background

The CSS property to change the background color of an element to Hex CDBAE7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CDBAE7 }
```

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

```
.background{ background-color:#CDBAE7 }
```

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