

Converting Colors

Hex(CEB7D5)

Have a look what the booklet for
Hex(CEB7D5) contains.

Hex(CEB7D5)	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(CEB7D5)

Conversions

Conversions Part 1

Format	Color
Hex	CEB7D5
RGB	206, 183, 213
RGB Percent	81%, 72%, 84%
CMY	0.1922, 0.2824, 0.1647
CMYK	0.03, 0.14, 0.00, 0.16
HSL	286°, 26%, 78%
HSV	286°, 14%, 84%
XYZ	54.3973, 51.7929, 70.0808
YIQ	193.2970, 4.0780, 14.2060

Conversions

Conversions Part 2

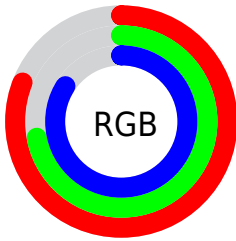
Format	Color
R _Y B	206, 183, 213
Decimal	13547477
CIE Lab	77.16, 13.59, -12.07
CIE LCh	77, 18.174, 318.403
Yxy	51.7929, 0.3086, 0.2938
Android (android.graphics.Color)	4291737557 (0xFFCEB7D5)
YUV	193.2970, 9.7136, 11.1405
Hunter-Lab	71.9673, 8.9786, -7.3587

Details

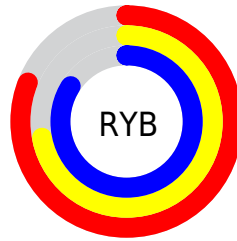
The Hex color **CEB7D5** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **BED5B7**, and the grayscale version is **C1C1C1**.

A 20% lighter version of the original color is **FFEFFF**, and **98829E** is the 20% darker color. If you saturate the color by 10%, you get **C9A2D5**, and if you desaturate by 10%, it is **D3CCD5**.

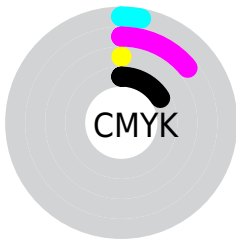
Distribution



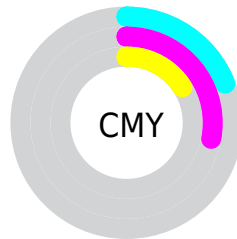
- Red (81%)
- Green (72%)
- Blue (84%)



- Red (81%)
- Yellow (72%)
- Blue (84%)



- Cyan (3%)
- Magenta (14%)
- Yellow (0%)
- Black (16%)



- Cyan (19%)
- Magenta (28%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color CEB7D5 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 CEB7D5 by changing the saturation by 10% instead.

 CEB7D5

 CEB7D5

FFFFFF

 B29CB9

 FFEFFF

 98829E

 7E6984

 64516B

 4C3A53

 35243C

 200F26

 000010

 000000

 CEB7D5

 CEB7D5

 C9A2D5

 D3CCD5

 C48CD5

 D8E2D5

 BF77D5

 DDF7D5

 BA62D5

 E2FFD5

 B54DD5

 E7FFD5

 B037D5

 ECFFD5

 AB22D5

 F1FFD5

 A60DD5

 F6FFD5

 A300D5

 FBFFD5

Harmonies

Analogous

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



B9BCDE



CEB7D5



DDB3C6

Triad

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



CEB7D5



D2BB9E



93C8C8

Complementary

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



CEB7D5



BED5B7

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.



9CC8B7



CEB7D5



C1C19F

Square

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



CEB7D5



DEB6A6



ADC5A8



95C6D7

Rectangle

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



CEB7D5



E1B3BA



ADC5A8



95C8C3

Sweetspot

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



CEB7D5



FDF5FF



B7BED5



7E7980



000000



808080

Same Dimension

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



CEB7D5



F5D4FF



D5B7CD



69606B



8300AB



21002B

Inverse Universe

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



D5B7BE



FFD4DE



B7D5BF



6B6063



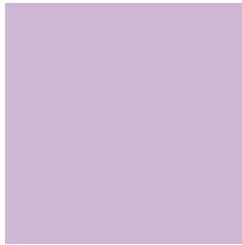
AB0028



2B000A

Previews

White Background



This preview shows how the Hex color CEB7D5 looks on a white background.

Color Contrast Check

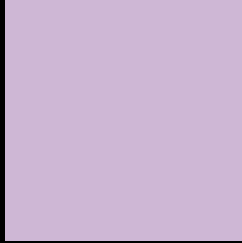
Large Text (above 18pt) WCAG AA × Fail

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 CEB7D5 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

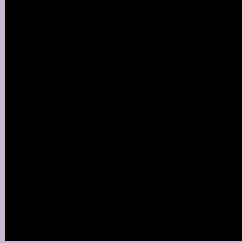
Any Text WCAG AA ✓ Pass

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 CEB7D5 Background



This preview shows how black text looks on a background with the Hex color CEB7D5.

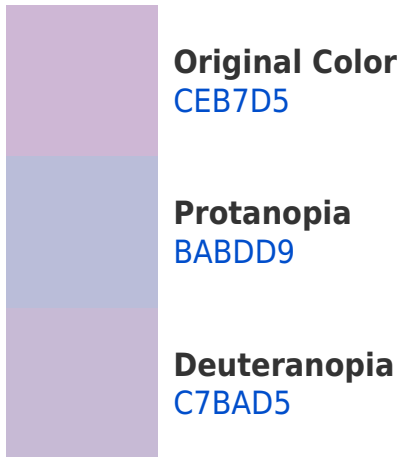


This preview shows how white text looks on a background with the Hex color CEB7D5.

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
CCB9C8

Trichromacy



Original Color
CEB7D5

Protanomaly
C1BBD8

Deuteranomaly
CAB9D5

Tritanomaly
CDB8CD

Monochromacy



Original Color
CEB7D5

Achromatopsia
C1C1C1

Achromatomaly
C6BDC8

CSS Examples

Text

The CSS property to change the color of the text to Hex CEB7D5 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 #CEB7D5 looks like.

```
.text, #text, p{  
    color:#CEB7D5  
}
```

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 #CEB7D5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CEB7D5  
}
```

Border

The CSS property to change the border of an element to Hex CEB7D5 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  
#CEB7D5 }
```

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

```
.border{ border-color:#CEB7D5 }
```

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

Here you see how a box with a 4 pixel #CEB7D5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CEB7D5; -webkit-box-shadow:4px 4px  
4px 4px #CEB7D5; box-shadow:4px 4px 4px  
4px #CEB7D5 }
```

Background

The CSS property to change the background color of an element to Hex CEB7D5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CEB7D5 }
```

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

```
.background{ background-color:#CEB7D5 }
```

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