

# Converting Colors

Hex(CEB6D5)

Have a look what the booklet for  
Hex(CEB6D5) contains.

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# **Color**

**Hex(CEB6D5)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CEB6D5
RGB	206, 182, 213
RGB Percent	81%, 71%, 84%
CMY	0.1922, 0.2863, 0.1647
CMYK	0.03, 0.15, 0.00, 0.16
HSL	286°, 27%, 77%
HSV	286°, 15%, 84%
XYZ	54.1918, 51.3818, 70.0123
YIQ	192.7100, 4.3530, 14.7290

# Conversions

## Conversions Part 2

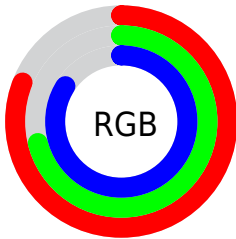
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	206, 182, 213
Decimal	13547221
CIE <sub>Lab</sub>	76.91, 14.13, -12.43
CIE <sub>LCh</sub>	77, 18.824, 318.656
Yxy	51.3818, 0.3086, 0.2926
Android (android.graphics.Color)	4291737301 (0xFFCEB6D5)
YUV	192.7100, 10.0030, 11.6553
Hunter-Lab	71.6811, 9.5062, -7.7329

# Details

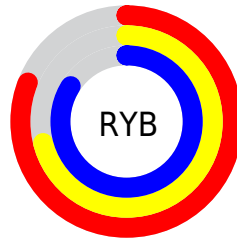
The Hex color **CEB6D5** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **BDD5B6**, and the grayscale version is **C1C1C1**.

A 20% lighter version of the original color is **FFEEFF**, and **98819E** is the 20% darker color. If you saturate the color by 10%, you get **C9A1D5**, and if you desaturate by 10%, it is **D3CBD5**.

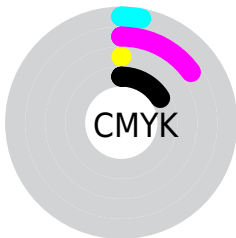
# Distribution



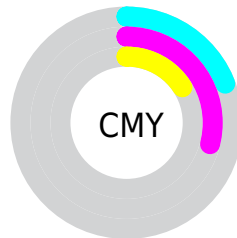
- Red (81%)
- Green (71%)
- Blue (84%)



- Red (81%)
- Yellow (71%)
- Blue (84%)



- Cyan (3%)
- Magenta (15%)
- Yellow (0%)
- Black (16%)



- Cyan (19%)
- Magenta (29%)
- Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CEB6D5 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 CEB6D5 by changing the saturation by 10% instead.



 CEB6D5

 CEB6D5

FFFFFF

 B29BB9

 FFEEFF

 98819E

 7E6884

 64506B

 4C3953

 35233C

 200E26

 000010

 000000

 CEB6D5

 CEB6D5

 C9A1D5

 D3CBD5

 C48BD5

 D8E1D5

 C076D5

 DCF6D5

 BB61D5

 E1FFD5

 B64CD5

 E6FFD5

 B136D5

 EBFFD5

 AC21D5

 F0FFD5

 A80CD5

 F4FFD5

 A500D5

 F9FFD5

# Harmonies

## Analogous

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



B9BCDF



CEB6D5



DDB2C5

# Triad

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



CEB6D5



D2BA9C



90C8C8

# Complementary

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



CEB6D5



BDD5B6

# 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.



9AC8B6



CEB6D5



C0C09D

# Square

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



CEB6D5



DEB5A4



ACC5A6



93C6D7

# Rectangle

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



CEB6D5



E2B2B9



ACC5A6



92C8C2



# Sweetspot

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



CEB6D5



FDF5FF



B6BDD5



7E7980



000000



808080



# Same Dimension

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



CEB6D5



F5D4FF



D5B6CD



69606B



8400AB



22002B



# Inverse Universe

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



D5B6BD



FFD4DD



B6D5BE



6B6063



AB0027

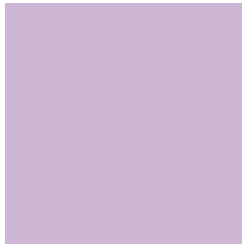


2B000A



# Previews

## White Background



This preview shows how the Hex color CEB6D5 looks on a white background.

## Color Contrast Check

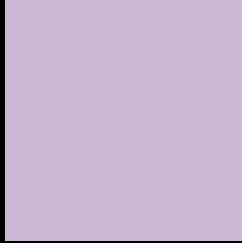
Large Text (above 18pt) WCAG AA × Fail

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 CEB6D5 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

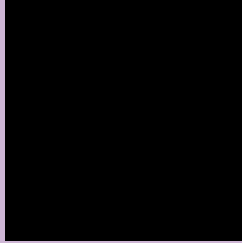
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex CEB6D5 Background



This preview shows how black text looks on a background with the Hex color CEB6D5.



This preview shows how white text looks on a background with the Hex color CEB6D5.

# 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



**Original Color**  
CEB6D5

**Protanopia**  
B9BCD9

**Deuteranopia**  
C6B9D4



**Tritanopia**  
CCB8C7

# Trichromacy



**Original Color**  
CEB6D5

**Protanomaly**  
C1BAD8

**Deuteranomaly**  
C9B8D4

**Tritanomaly**  
CDB7CC

# Monochromacy



**Original Color**  
CEB6D5

**Achromatopsia**  
C1C1C1

**Achromatomaly**  
C6BDC8

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CEB6D5 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 #CEB6D5 looks like.

```
.text, #text, p{  
    color:#CEB6D5  
}
```

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 #CEB6D5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CEB6D5  
}
```

## Border

The CSS property to change the border of an element to Hex CEB6D5 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  
#CEB6D5 }
```

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

```
.border{ border-color:#CEB6D5 }
```

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

Here you see how a box with a 4 pixel #CEB6D5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CEB6D5; -webkit-box-shadow:4px 4px  
4px 4px #CEB6D5; box-shadow:4px 4px 4px  
4px #CEB6D5 }
```

# Background

The CSS property to change the background color of an element to Hex CEB6D5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CEB6D5 }
```

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

```
.background{ background-color:#CEB6D5 }
```

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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