

# Converting Colors

Hex(CEDDBB)

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

<b>Hex(CEDDBB)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(CEDDBB)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CEDDBB
RGB	206, 221, 187
RGB Percent	81%, 87%, 73%
CMY	0.1922, 0.1333, 0.2667
CMYK	0.07, 0.00, 0.15, 0.13
HSL	86°, 33%, 80%
HSV	86°, 15%, 87%
XYZ	60.2797, 68.4226, 57.0435
YIQ	212.6390, 1.9740, -13.7540

# Conversions

## Conversions Part 2

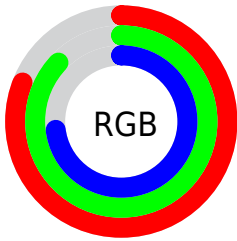
<b>Format</b>	<b>Color</b>
<b>RYB</b>	187, 221, 202
Decimal	13557179
CIELab	86.22, -11.01, 15.01
CIELCh	86, 18.612, 126.262
Yxy	68.4226, 0.3245, 0.3684
Android (android.graphics.Color)	4291747259 (0xFFCEDDBB)
YUV	212.6390, -12.6400, -5.8224
Hunter-Lab	82.7179, -14.6767, 17.0153

# Details

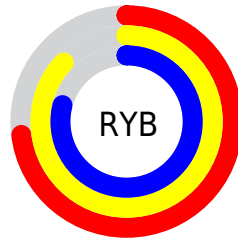
The Hex color **CEDDBB** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **CABBDD**, and the grayscale version is **D5D5D5**.

A 20% lighter version of the original color is **FFFFF3**, and **98A686** is the 20% darker color. If you saturate the color by 10%, you get **C4DDA5**, and if you desaturate by 10%, it is **D8DDD1**.

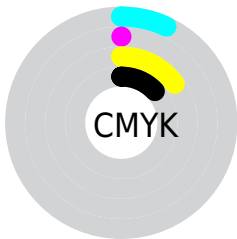
# Distribution



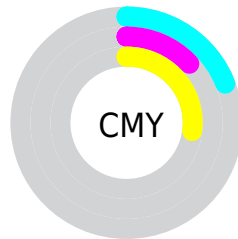
- Red (81%)
- Green (87%)
- Blue (73%)



- Red (73%)
- Yellow (87%)
- Blue (79%)



- Cyan (7%)
- Magenta (0%)
- Yellow (15%)
- Black (13%)



- Cyan (19%)
- Magenta (13%)
- Yellow (27%)

# Brightness & Saturation Gradients

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



 CEDDBB

 CEDDBB

FFFFFFF

 B2C1A0

 FFFFFF3

 98A686

 7E8C6C

 647254

 4C5A3D

 354227

 1F2C12

 061800

 000000

 CEDDBB

 CEDDBB

 C4DDA5

 D8DDD1

 BBDD8F

 E2DDE7

 B1DD79

 EBDDFD

 A7DD63

 F5DDFF

 9DDD4D

 FFDDFF

 94DD36

 8ADD20

 80DD0A

 7CDD00

# Harmonies

## Analogous

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



E2D8B5



CEDDBB



BBE1C9

# Triad

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



CEDDBB



B5DDF7



FCCBD5

# Complementary

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



CEDDBB



CABBDD

# 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.



F2CDE6



CEDDBB



C9D8FA

# Square

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



CEDDBB



AAE1EC



E0D2F4



FCCDC4

# Rectangle

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



CEDDBB



B0E2D5



E0D2F4



FACCDB



# Sweetspot

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



CEDDBB



F9FFF2



DDCABB



7C8078



000000



808080



# Same Dimension

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



CEDDBB



EBFFD1



BDDDBB



696E63



61AD00



1A2E00



# Inverse Universe

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



CABBDD



E5D1FF



DBBBDD



68636E



4C00AD

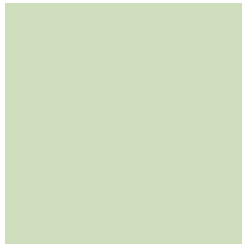


14002E



# Previews

## White Background



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

## Color Contrast Check

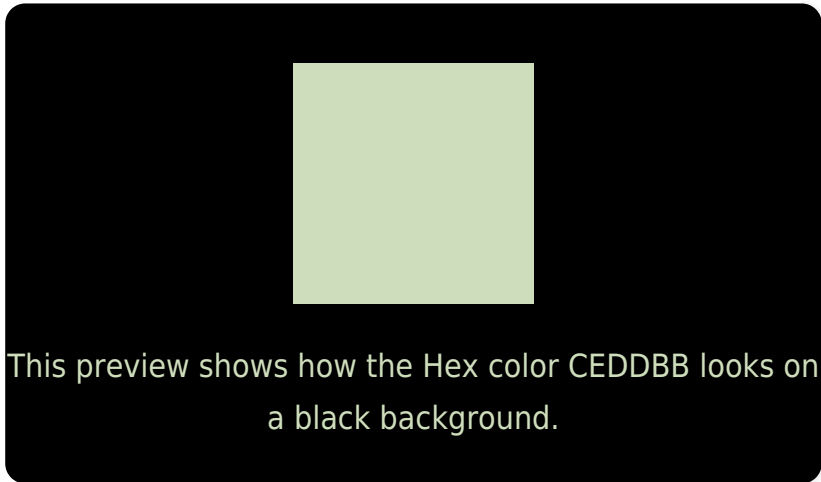
Large Text (above 18pt) WCAG AA × Fail

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

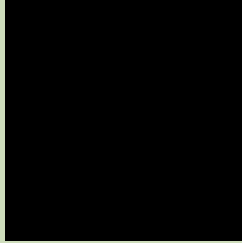
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

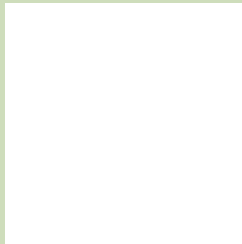
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex CEDDBB Background



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

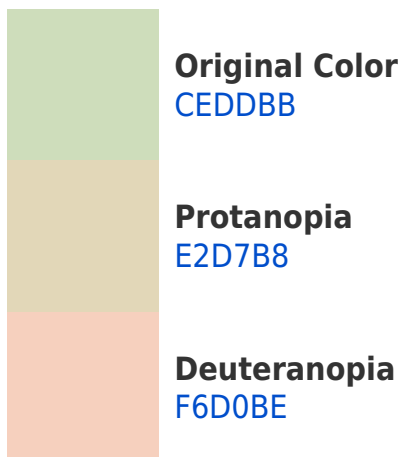


This preview shows how white text looks on a background with the Hex color CEDDBB.

# 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](#).

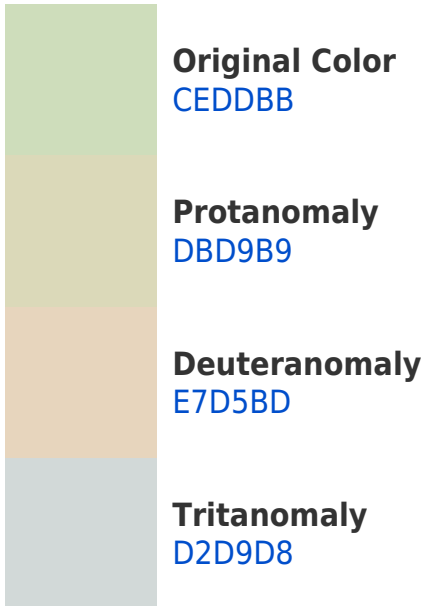
## Dichromacy



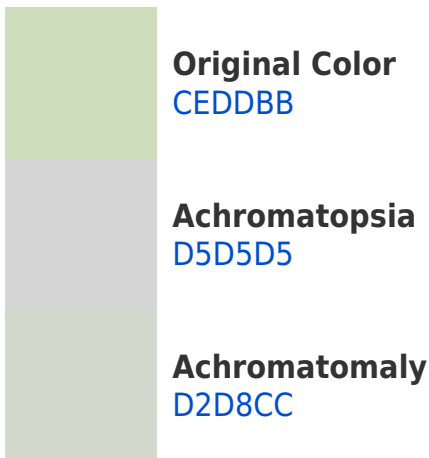


**Tritanopia**  
D5D7E8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

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

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

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 #CEDDBB colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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