

# Converting Colors

Hex(CDEBD4)

Have a look what the booklet for  
Hex(CDEBD4) contains.

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# **Color**

**Hex(CDEBD4)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CDEBD4
RGB	205, 235, 212
RGB Percent	80%, 92%, 83%
CMY	0.1961, 0.0784, 0.1686
CMYK	0.13, 0.00, 0.10, 0.08
HSL	134°, 43%, 86%
HSV	134°, 13%, 92%
XYZ	66.7688, 77.1493, 73.6596
YIQ	223.4080, -10.4970, -13.5130

# Conversions

## Conversions Part 2

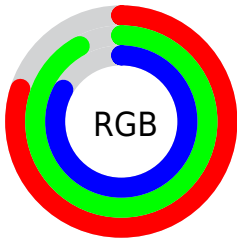
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	205, 229, 235
Decimal	13495252
CIE <sub>Lab</sub>	90.39, -14.10, 7.86
CIE <sub>LCh</sub>	90, 16.145, 150.866
Yxy	77.1493, 0.3069, 0.3546
Android (android.graphics.Color)	4291685332 (0xFFCDEBD4)
YUV	223.4080, -5.6241, -16.1438
Hunter-Lab	87.8347, -18.0212, 11.7627

# Details

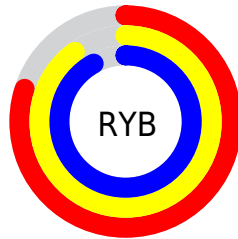
The Hex color **CDEBD4** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **EBCDE4**, and the grayscale version is **DFDFDF**.

A 20% lighter version of the original color is **FFFFFF**, and **97B39D** is the 20% darker color. If you saturate the color by 10%, you get **B6EBC2**, and if you desaturate by 10%, it is **E5EBE6**.

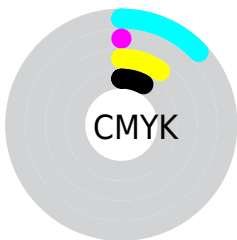
# Distribution



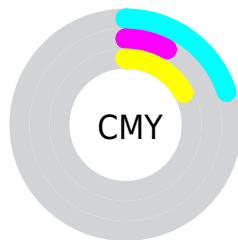
- Red (80%)
- Green (92%)
- Blue (83%)



- Red (80%)
- Yellow (90%)
- Blue (92%)



- Cyan (13%)
- Magenta (0%)
- Yellow (10%)
- Black (8%)



- Cyan (20%)
- Magenta (8%)
- Yellow (17%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CDEBD4 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 CDEBD4 by changing the saturation by 10% instead.



 CDEBD4

FFFFFF

 CDEBD4

 B1CFB8

 97B39D

 7D9883

 637E6A

 4B6552

 344D3B

 1E3625

 092111

 000300

 CDEBD4

 CDEBD4

 B6EBC2

 E5EBE6

 9EEBB0

 FCEBF8

 87EB9E


 FFEBF8

 6FEB8C

 58EB7A

 40EB68

 29EB56

 11EB44

 00EB37

# Harmonies

## Analogous

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



DEE7C9



CDEBD4



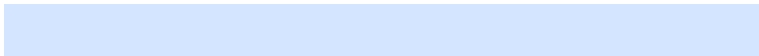
C0EDE3

# Triad

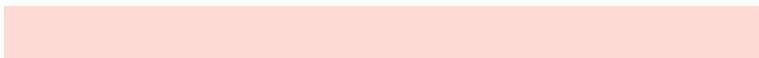
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



CDEBD4



D3E5FF



FFDAD4

# Complementary

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



CDEBD4



EBCDE4

# 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.



FFD9E4



CDEBD4



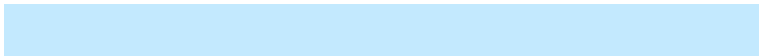
E7DFFE

# Square

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



CDEBD4



C3E9FE



F8DBF3



FDDEC9

# Rectangle

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



CDEBD4



BCECEE



F8DBF3



FFD9D9



# Sweetspot

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



CDEBD4



F5FFF7



E4EBCD



79807B



000000



808080

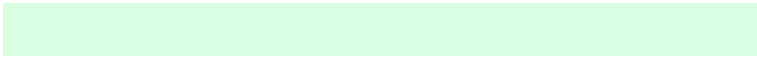


# Same Dimension

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



CDEBD4



D9FFE2



CDEBE3



6A756C



00B52A



00360C



# Inverse Universe

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



EBCDE4



FFD9F6



EBCDD5



756A73



B5008B

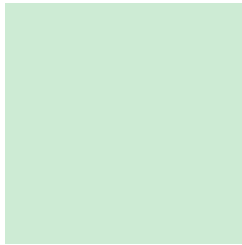


360029



# Previews

## White Background



This preview shows how the Hex color CDEBD4 looks on a white background.

## Color Contrast Check

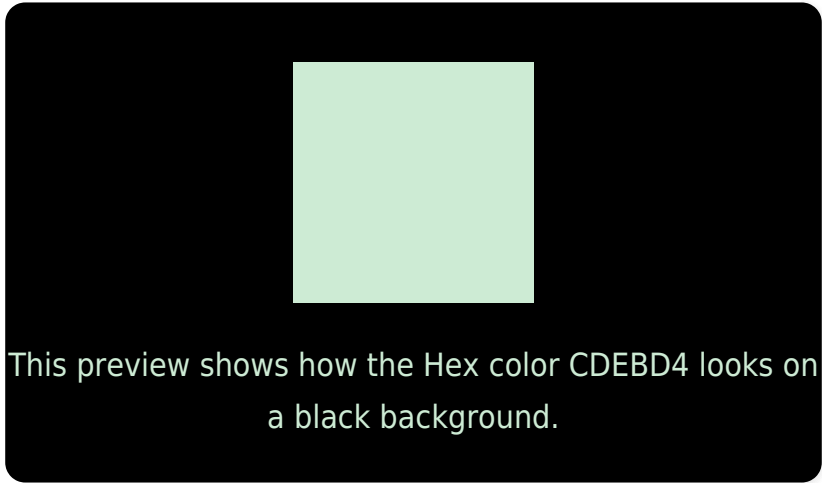
Large Text (above 18pt) WCAG AA × Fail

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

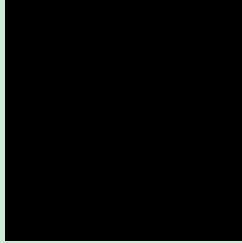
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

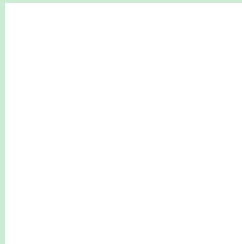
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex CDEBD4 Background



This preview shows how black text looks on a background with the Hex color CDEBD4.

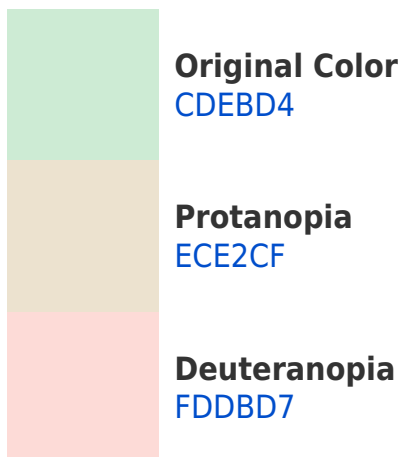


This preview shows how white text looks on a background with the Hex color CDEBD4.

# 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



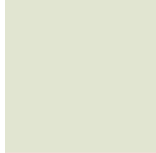


**Tritanopia**  
D3E6F8

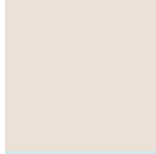
# Trichromacy



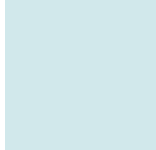
**Original Color**  
CDEBD4



**Protanomaly**  
E1E5D1



**Deuteranomaly**  
ECE1D6

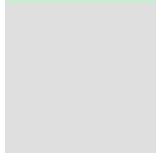


**Tritanomaly**  
D1E8EB

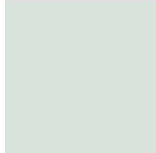
# Monochromacy



**Original Color**  
CDEBD4



**Achromatopsia**  
DFDFDF



**Achromatomaly**  
D8E3DB

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CDEBD4 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 #CDEBD4 looks like.

```
.text, #text, p{  
    color:#CDEBD4  
}
```

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 #CDEBD4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CDEBD4  
}
```

## Border

The CSS property to change the border of an element to Hex CDEBD4 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  
#CDEBD4 }
```

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

```
.border{ border-color:#CDEBD4 }
```

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

Here you see how a box with a 4 pixel #CDEBD4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CDEBD4; -webkit-box-shadow:4px 4px  
4px 4px #CDEBD4; box-shadow:4px 4px 4px  
4px #CDEBD4 }
```

# Background

The CSS property to change the background color of an element to Hex CDEBD4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CDEBD4 }
```

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

```
.background{ background-color:#CDEBD4 }
```

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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