

# Converting Colors

Hex(CDEEBB)

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

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# **Color**

**Hex(CDEEBB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CDEEBB
RGB	205, 238, 187
RGB Percent	80%, 93%, 73%
CMY	0.1961, 0.0667, 0.2667
CMYK	0.14, 0.00, 0.21, 0.07
HSL	99°, 60%, 83%
HSV	99°, 21%, 93%
XYZ	64.7210, 77.7161, 58.6032
YIQ	222.3190, -3.2970, -22.8570

# Conversions

## Conversions Part 2

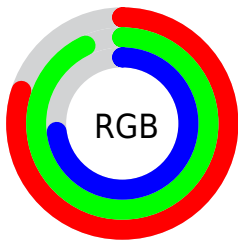
<b>Format</b>	<b>Color</b>
<b>RYB</b>	187, 238, 220
Decimal	13495995
CIELab	90.65, -19.81, 21.19
CIELCh	91, 29.013, 133.074
Yxy	77.7161, 0.3219, 0.3866
Android (android.graphics.Color)	4291686075 (0xFFCDEEBB)
YUV	222.3190, -17.4123, -15.1888
Hunter-Lab	88.1567, -23.2269, 22.2960

# Details

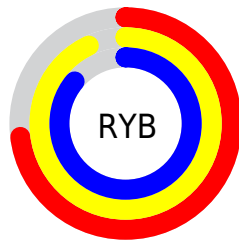
The Hex color **CDEEBB** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **DCBBEE**, and the grayscale version is **DEDEDE**.

A 20% lighter version of the original color is **FFFFF3**, and **96B686** is the 20% darker color. If you saturate the color by 10%, you get **BEEEA3**, and if you desaturate by 10%, it is **DCEED3**.

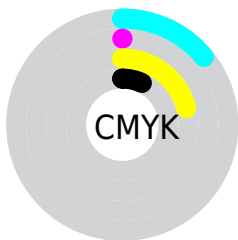
# Distribution



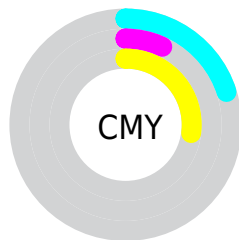
- Red (80%)
- Green (93%)
- Blue (73%)



- Red (73%)
- Yellow (93%)
- Blue (86%)



- Cyan (14%)
- Magenta (0%)
- Yellow (21%)
- Black (7%)



- Cyan (20%)
- Magenta (7%)
- Yellow (27%)

# Brightness & Saturation Gradients

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



 CDEEBB

FFFFFFF

 FFFFFF3

 CDEEBB

 B1D2A0

 96B686

 7C9B6C

 638154

 4A683C

 335026

 1C3810

 072300

 000400

 CDEEBB

 CDEEBB

 BEEEA3

 DCEED3

 AEEE8B

 ECEEEB

 9FEE74

 FBEEFF

 8FEE5C

 FFEEFF

 80EE44

 71EE2C

 61EE14

 54EE00

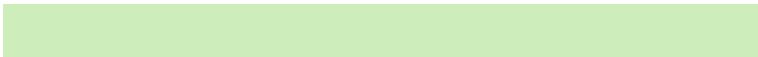
# Harmonies

## Analogous

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



ECE6AE



CDEEBB



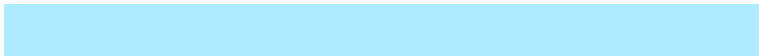
AEF3D3

# Triad

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



CDEEBB



AFEFFF



FFD0D9

# Complementary

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



CDEEBB



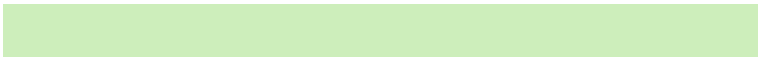
DCBBEE

# 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.



FFD2F5



CDEEBB



D4E3FF

# Square

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



CDEEBB



97F2FF



F8D9FF



FFD5BF

# Rectangle

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



CDEEBB



9EF4E6



F8D9FF



FFD0E2

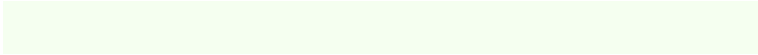


# Sweetspot

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



CDEEBB



F5FFF0



EEDBBB



7A8077



000000

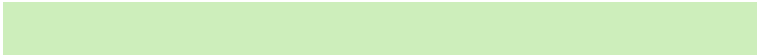


808080

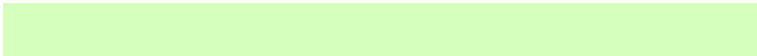


# Same Dimension

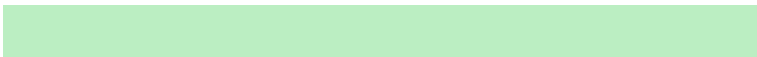
The Same Dimension uses a secret algorithm to generate beautiful new colors.



CDEEBB



D4FFBD



BBEEC2



70786C



41B800



143800



# Inverse Universe

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



DCBBEE



E8BDFE



EEBBE7



746C78



7700B8



240038



# Previews

## White Background



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

## Color Contrast Check

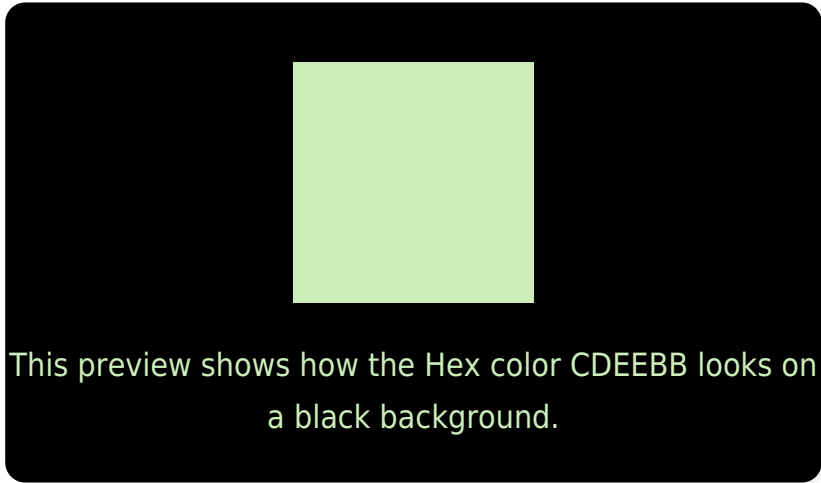
Large Text (above 18pt) WCAG AA × Fail

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

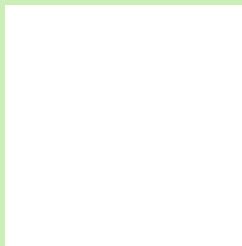
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex CDEEBB Background



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

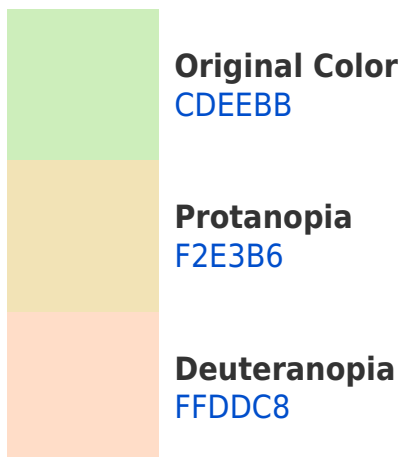


This preview shows how white text looks on a background with the Hex color CDEEBB.

# 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**  
D6E6F8

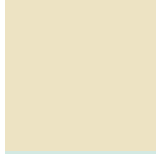
# Trichromacy



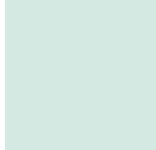
**Original Color**  
CDEEBB



**Protanomaly**  
E5E7B8

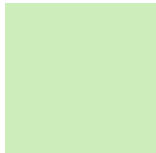


**Deuteranomaly**  
EDE3C3

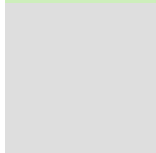


**Tritanomaly**  
D3E9E2

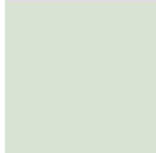
# Monochromacy



**Original Color**  
CDEEBB



**Achromatopsia**  
DEDEDE



**Achromatomaly**  
D8E4D1

# CSS Examples

## Text

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

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

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 #CDEEBB colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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