

# Converting Colors

Hex(D7ECBF)

Have a look what the booklet for  
Hex(D7ECBF) contains.

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# **Color**

**Hex(D7ECBF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D7ECBF
RGB	215, 236, 191
RGB Percent	84%, 93%, 75%
CMY	0.1569, 0.0745, 0.2510
CMYK	0.09, 0.00, 0.19, 0.07
HSL	88°, 54%, 84%
HSV	88°, 19%, 93%
XYZ	67.4238, 78.1996, 60.8306
YIQ	224.5910, 1.9290, -18.4470

# Conversions

## Conversions Part 2

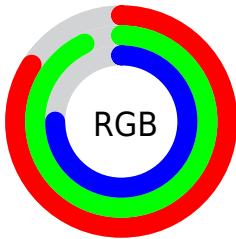
Format	Color
<a href="#">RYB</a>	<a href="#">191, 236, 212</a>
Decimal	<a href="#">14150847</a>
CIELab	<a href="#">90.87, -14.73, 19.54</a>
CIELCh	<a href="#">91, 24.466, 127.005</a>
Yxy	<a href="#">78.1996, 0.3266, 0.3788</a>
Android (android.graphics.Color)	<a href="#">4292340927 (0xFFD7ECBF)</a>
YUV	<a href="#">224.5910, -16.5604, -8.4113</a>
Hunter-Lab	<a href="#">88.4305, -18.6563, 21.1163</a>

# Details

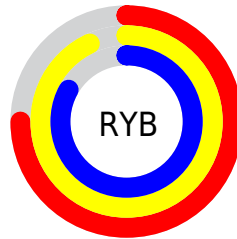
The Hex color **D7ECBF** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **D4BFEC**, and the grayscale version is **E1E1E1**.

A 20% lighter version of the original color is **FFFFF7**, and **A0B489** is the 20% darker color. If you saturate the color by 10%, you get **CCECA7**, and if you desaturate by 10%, it is **E2ECD7**.

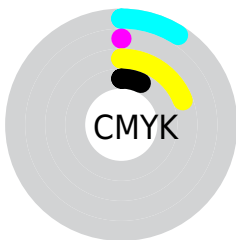
# Distribution



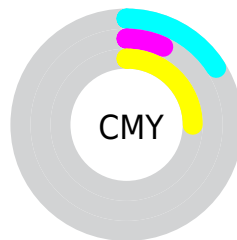
- Red (84%)
- Green (93%)
- Blue (75%)



- Red (75%)
- Yellow (93%)
- Blue (83%)



- Cyan (9%)
- Magenta (0%)
- Yellow (19%)
- Black (7%)



- Cyan (16%)
- Magenta (7%)
- Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D7ECBF 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 D7ECBF by changing the saturation by 10% instead.



 D7ECBF

FFFFFFF

 FFFFFF7

 D7ECBF

 BBD0A4

 A0B489

 869970

 6C7F57

 536640

 3C4E29

 253714

 132200

 000600

 D7ECBF

 D7ECBF

 CCECA7

 E2ECD7

 C1EC90

 EDECEE

 B6EC78

 F8ECFF

 ABEC61

 FFECFF

 A0EC49

 95EC31

 8AEC1A

 7FEC02

 7EEC00

# Harmonies

## Analogous

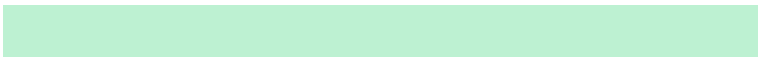
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



F1E5B6



D7ECBF



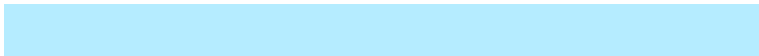
BDF1D2

# Triad

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



D7ECBF



B5ECFF



FFD4E0

# Complementary

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



D7ECBF



D4BFEC

# Split Complementary

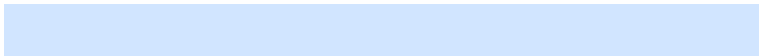
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFD7F8



D7ECBF



D1E5FF

# Square

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



D7ECBF



A5F1FF



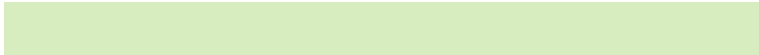
F0DDFF



FFD7CA

# Rectangle

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



D7ECBF



AFF2E2



F0DDFF

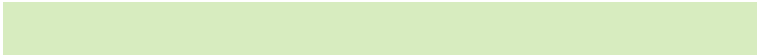


FFD5E8



# Sweetspot

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



D7ECBF



F8FFF0



ECD4BF



7B8077



000000



808080

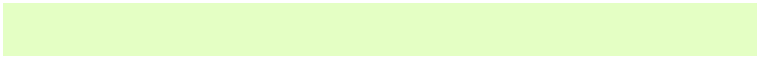


# Same Dimension

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



D7ECBF



E4FFC4



C0ECBF



70756A



61B500



1D3600



# Inverse Universe

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



D4BFEC



E0C4FF



EBBFEC



6F6A75



5400B5

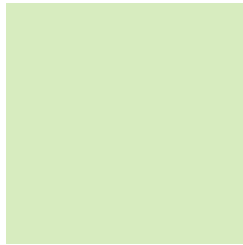


190036



# Previews

## White Background



This preview shows how the Hex color D7ECBF looks on a white background.

## Color Contrast Check

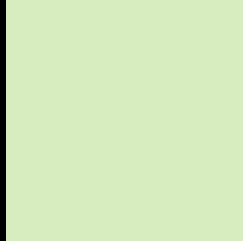
Large Text (above 18pt) WCAG AA × Fail

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 D7ECBF looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

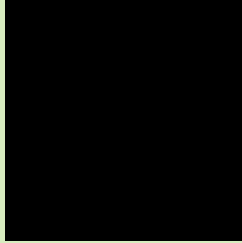
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

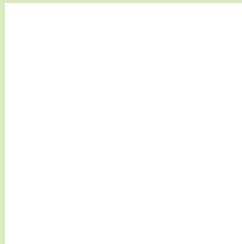
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex D7ECBF Background



This preview shows how black text looks on a background with the Hex color D7ECBF.

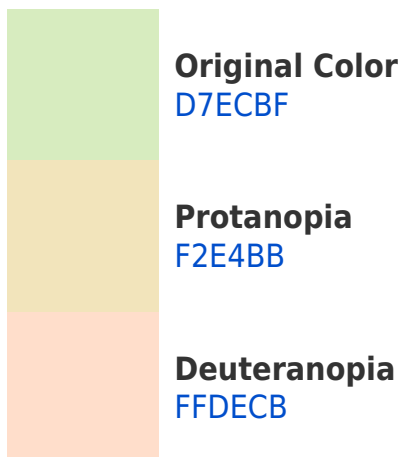


This preview shows how white text looks on a background with the Hex color D7ECBF.

# 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](#).

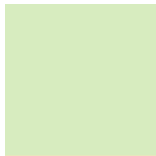
## Dichromacy



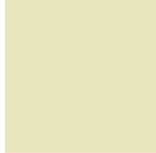


**Tritanopia**  
DFE4F6

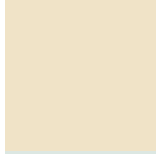
# Trichromacy



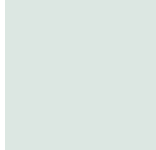
**Original Color**  
D7ECBF



**Protanomaly**  
E8E7BC

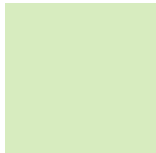


**Deuteranomaly**  
F0E3C7

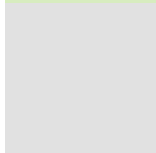


**Tritanomaly**  
DCE7E2

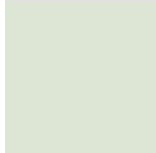
# Monochromacy



**Original Color**  
D7ECBF



**Achromatopsia**  
E1E1E1



**Achromatomaly**  
DDE5D5

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D7ECBF 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 #D7ECBF looks like.

```
.text, #text, p{  
    color:#D7ECBF  
}
```

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 #D7ECBF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D7ECBF }  
}
```

## Border

The CSS property to change the border of an element to Hex D7ECBF 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 #D7ECBF }  
}
```

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

```
.border{ border-color:#D7ECBF }
```

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

Here you see how a box with a 4 pixel #D7ECBF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D7ECBF; -webkit-box-shadow:4px 4px  
4px 4px #D7ECBF; box-shadow:4px 4px 4px  
4px #D7ECBF }
```

# Background

The CSS property to change the background color of an element to Hex D7ECBF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D7ECBF }
```

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

```
.background{ background-color:#D7ECBF }
```

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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