

# Converting Colors

Hex(D7ECE3)

Have a look what the booklet for  
Hex(D7ECE3) contains.

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# **Color**

**Hex(D7ECE3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D7ECE3
RGB	215, 236, 227
RGB Percent	84%, 93%, 89%
CMY	0.1569, 0.0745, 0.1098
CMYK	0.09, 0.00, 0.04, 0.07
HSL	154°, 36%, 88%
HSV	154°, 9%, 93%
XYZ	71.8849, 79.9840, 84.3228
YIQ	228.6950, -9.6270, -7.2510

# Conversions

## Conversions Part 2

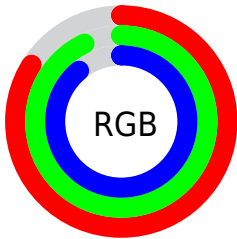
Format	Color
R <sub>Y</sub> B	215, 228, 236
Decimal	14150883
CIE Lab	91.68, -8.58, 1.99
CIE LCh	92, 8.805, 166.959
Yxy	79.9840, 0.3043, 0.3386
Android (android.graphics.Color)	4292340963 (0xFFD7ECE3)
YUV	228.6950, -0.8356, -12.0105
Hunter-Lab	89.4338, -13.0348, 6.7020

# Details

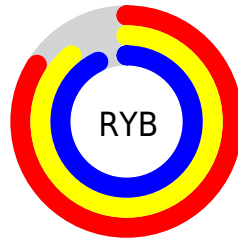
The Hex color **D7ECE3** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **ECD7E0**, and the grayscale version is **E5E5E5**.

A 20% lighter version of the original color is **FFFFFF**, and **A0B4AC** is the 20% darker color. If you saturate the color by 10%, you get **BFECD9**, and if you desaturate by 10%, it is **EFECED**.

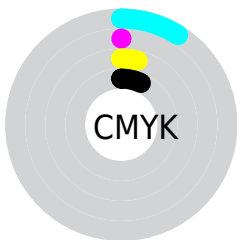
# Distribution



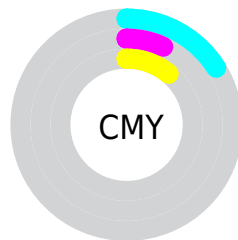
- Red (84%)
- Green (93%)
- Blue (89%)



- Red (84%)
- Yellow (89%)
- Blue (93%)



- Cyan (9%)
- Magenta (0%)
- Yellow (4%)
- Black (7%)



- Cyan (16%)
- Magenta (7%)
- Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D7ECE3 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 D7ECE3 by changing the saturation by 10% instead.



 D7ECE3

FFFFFF

 D7ECE3

 BBD0C7

 A0B4AC

 869991

 6D7F78

 54665F

 3D4E47

 273831

 12221C

 000C01

 D7ECE3

 D7ECE3

 BFEC9D

 EFECED

 A8ECCF

 FFECF7

 90ECC5

 FFECFF

 79ECBB

 61ECB0

 49ECA6

 32EC9C

 1AEC92

 03EC88

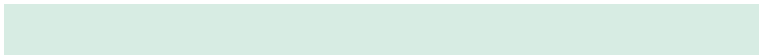
# Harmonies

## Analogous

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



D7EADB



D7ECE3



D3ECEC

# Triad

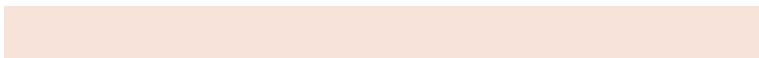
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



D7ECE3



E4E6F7



F8E3DB

# Complementary

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



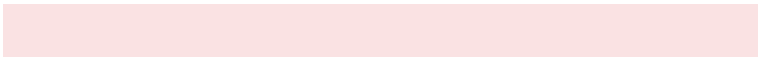
D7ECE3



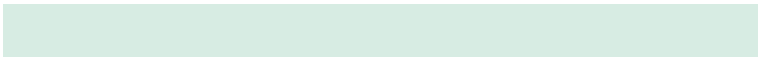
ECD7E0

# 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.



F AE2 E3



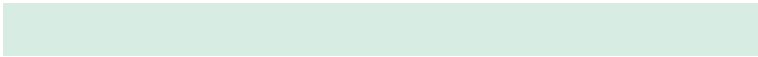
D7 ECE3



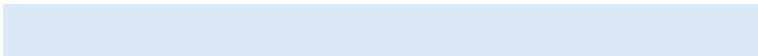
E FE4 F3

# Square

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



D7ECE3



DBE9F7



F6E2EB



F2E5D7

# Rectangle

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



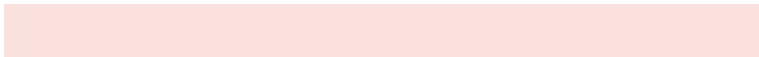
D7ECE3



D3ECF1



F6E2EB



F9E2DD



# Sweetspot

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



D7ECE3



F7FFFC



E0ECD7



7A807D



000000



808080



# Same Dimension

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



D7ECE3



E3FFF3



D7EBEC



6A7570



00B567



00361F



# Inverse Universe

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



ECD7E0



FFE3EF



ECD8D7



756A6F



B5004E

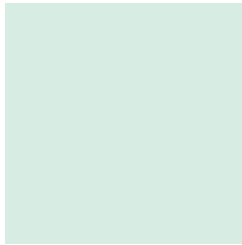


360017



# Previews

## White Background



This preview shows how the Hex color D7ECE3 looks on a white background.

## Color Contrast Check

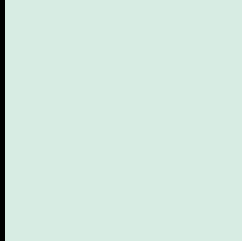
Large Text (above 18pt) WCAG AA × Fail

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 D7ECE3 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

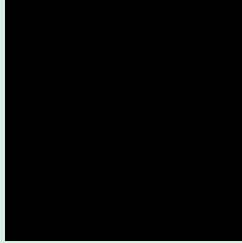
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

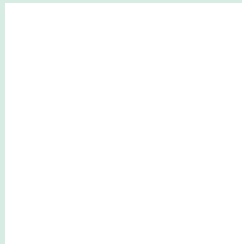
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex D7ECE3 Background



This preview shows how black text looks on a background with the Hex color D7ECE3.

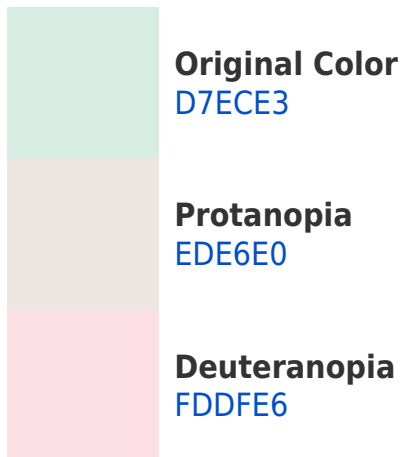


This preview shows how white text looks on a background with the Hex color D7ECE3.

# 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



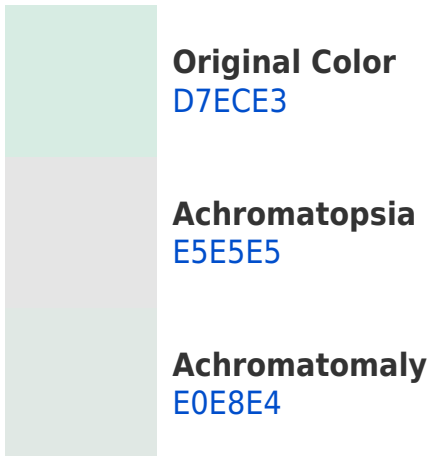


**Tritanopia**  
DBE8FB

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D7ECE3 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 #D7ECE3 looks like.

```
.text, #text, p{  
    color:#D7ECE3  
}
```

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 #D7ECE3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D7ECE3
}
```

## Border

The CSS property to change the border of an element to Hex D7ECE3 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
#D7ECE3 }
```

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

```
.border{ border-color:#D7ECE3 }
```

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

Here you see how a box with a 4 pixel #D7ECE3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D7ECE3; -webkit-box-shadow:4px 4px  
4px 4px #D7ECE3; box-shadow:4px 4px 4px  
4px #D7ECE3 }
```

# Background

The CSS property to change the background color of an element to Hex D7ECE3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D7ECE3 }
```

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

```
.background{ background-color:#D7ECE3 }
```

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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