

# Converting Colors

Hex(D7E9E1)

Have a look what the booklet for  
Hex(D7E9E1) contains.

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# **Color**

**Hex(D7E9E1)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D7E9E1
RGB	215, 233, 225
RGB Percent	84%, 91%, 88%
CMY	0.1569, 0.0863, 0.1176
CMYK	0.08, 0.00, 0.03, 0.09
HSL	153°, 29%, 88%
HSV	153°, 8%, 91%
XYZ	70.7539, 78.1611, 82.5916
YIQ	226.7060, -8.1600, -6.3040

# Conversions

## Conversions Part 2

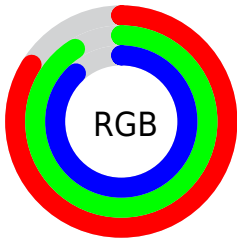
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	215, 227, 233
Decimal	14150113
CIE Lab	90.85, -7.43, 1.83
CIE LCh	91, 7.649, 166.149
Yxy	78.1611, 0.3056, 0.3376
Android (android.graphics.Color)	4292340193 (0xFFD7E9E1)
YUV	226.7060, -0.8411, -10.2662
Hunter-Lab	88.4088, -11.8612, 6.4973

# Details

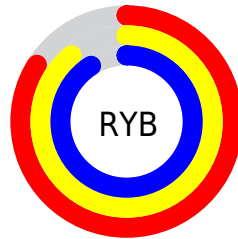
The Hex color **D7E9E1** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **E9D7DF**, and the grayscale version is **E3E3E3**.

A 20% lighter version of the original color is **FFFFFF**, and **A0B1AA** is the 20% darker color. If you saturate the color by 10%, you get **C0E9D7**, and if you desaturate by 10%, it is **EEE9EB**.

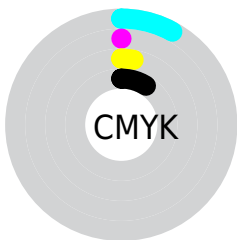
# Distribution



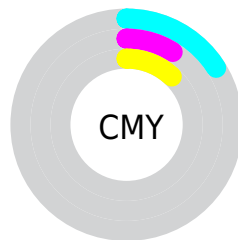
- Red (84%)
- Green (91%)
- Blue (88%)



- Red (84%)
- Yellow (89%)
- Blue (91%)



- Cyan (8%)
- Magenta (0%)
- Yellow (3%)
- Black (9%)



- Cyan (16%)
- Magenta (9%)
- Yellow (12%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D7E9E1 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 D7E9E1 by changing the saturation by 10% instead.



 D7E9E1

FFFFFF

 D7E9E1

 BBCDC5

 A0B1AA

 86978F

 6D7D76

 54645D

 3D4C46

 27352F

 13201B

 000600

 D7E9E1

 D7E9E1

 C0E9D7

 EEE9EB

 A8E9CC

 FFE9F6

 91E9C2

 FFE9FF

 7AE9B8

 63E9AD

 4BE9A3

 34E999

 1DE98E

 05E984

# Harmonies

## Analogous

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



DEE8DA



D7E9E1



D3E9E9

# Triad

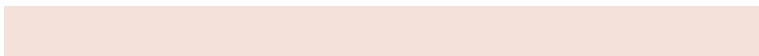
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



D7E9E1



E2E4F3



F4E1DA

# Complementary

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



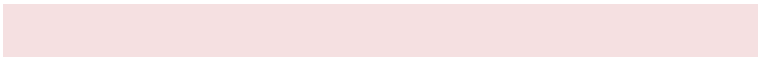
D7E9E1



E9D7DF

# 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.



F5E0E1



D7E9E1



EBE2EF

# Square

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



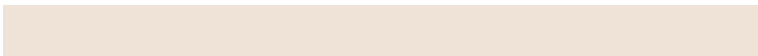
D7E9E1



DAE6F3



F2E0E8



EFE3D7

# Rectangle

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



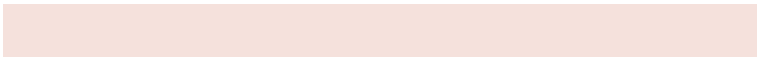
D7E9E1



D3E9ED



F2E0E8

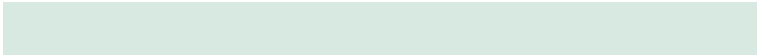


F5E1DC



# Sweetspot

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



D7E9E1



FAFFFD



DFE9D7



7D807E



000000



808080



# Same Dimension

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



D7E9E1



E8FFF5



D7E8E9



6A7570



00B565



00361E



# Inverse Universe

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



E9D7DF



FFE8F2



E9D8D7



756A6F



B50050

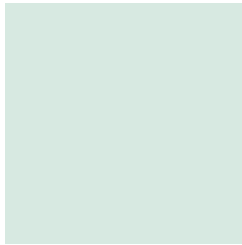


360018



# Previews

## White Background



This preview shows how the Hex color D7E9E1 looks on a white background.

## Color Contrast Check

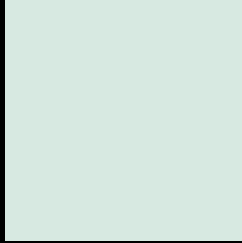
Large Text (above 18pt) WCAG AA × Fail

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 D7E9E1 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

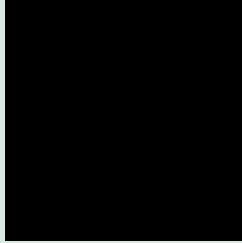
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

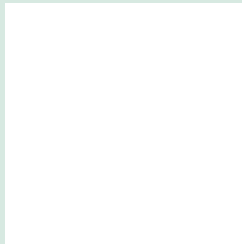
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex D7E9E1 Background



This preview shows how black text looks on a background with the Hex color D7E9E1.

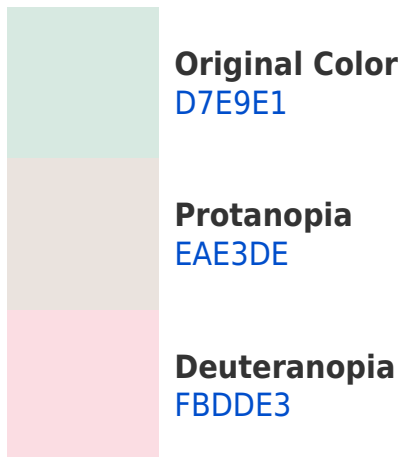


This preview shows how white text looks on a background with the Hex color D7E9E1.

# 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](#).

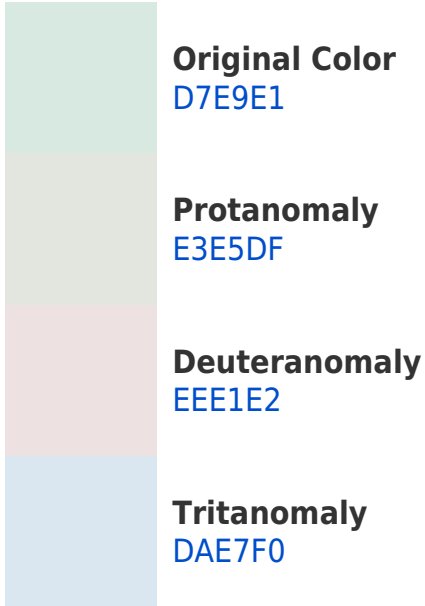
## Dichromacy





**Tritanopia**  
DBE6F8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D7E9E1 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 #D7E9E1 looks like.

```
.text, #text, p{  
    color:#D7E9E1  
}
```

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 #D7E9E1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D7E9E1
}
```

## Border

The CSS property to change the border of an element to Hex D7E9E1 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
#D7E9E1 }
```

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

```
.border{ border-color:#D7E9E1 }
```

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

Here you see how a box with a 4 pixel #D7E9E1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D7E9E1; -webkit-box-shadow:4px 4px  
4px 4px #D7E9E1; box-shadow:4px 4px 4px  
4px #D7E9E1 }
```

# Background

The CSS property to change the background color of an element to Hex D7E9E1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D7E9E1 }
```

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

```
.background{ background-color:#D7E9E1 }
```

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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