

# Converting Colors

Hex(D0E7E1)

Have a look what the booklet for  
Hex(D0E7E1) contains.

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# **Color**

**Hex(D0E7E1)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D0E7E1
RGB	208, 231, 225
RGB Percent	82%, 91%, 88%
CMY	0.1843, 0.0941, 0.1176
CMYK	0.10, 0.00, 0.03, 0.09
HSL	164°, 32%, 86%
HSV	164°, 10%, 91%
XYZ	68.1789, 75.9980, 82.3098
YIQ	223.4390, -11.7820, -6.7420

# Conversions

## Conversions Part 2

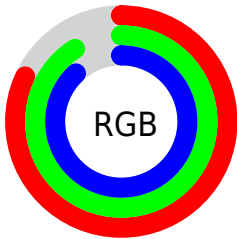
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	208, 221, 231
Decimal	13690849
CIE <sub>Lab</sub>	89.86, -8.70, 0.32
CIE <sub>LCh</sub>	90, 8.709, 177.872
Yxy	75.9980, 0.3010, 0.3356
Android (android.graphics.Color)	4291880929 (0xFFD0E7E1)
YUV	223.4390, 0.7696, -13.5400
Hunter-Lab	87.1768, -12.9588, 5.0439

# Details

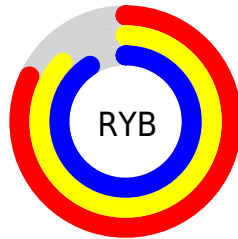
The Hex color **D0E7E1** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **E7D0D6**, and the grayscale version is **DFDFDF**.

A 20% lighter version of the original color is **FFFFFF**, and **9AAFAA** is the 20% darker color. If you saturate the color by 10%, you get **B9E7DB**, and if you desaturate by 10%, it is **E7E7E7**.

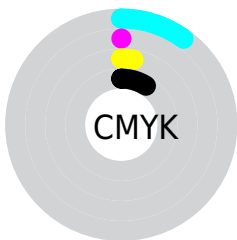
# Distribution



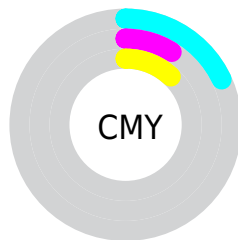
- Red (82%)
- Green (91%)
- Blue (88%)



- Red (82%)
- Yellow (87%)
- Blue (91%)



- Cyan (10%)
- Magenta (0%)
- Yellow (3%)
- Black (9%)



- Cyan (18%)
- Magenta (9%)
- Yellow (12%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D0E7E1 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 D0E7E1 by changing the saturation by 10% instead.



 D0E7E1

FFFFFF

 D0E7E1

 B4CBC5

 9AAFAA

 7F958F

 667B76

 4E625D

 374A46

 21342F

 0C1E1B

 000000

 D0E7E1

 D0E7E1

 B9E7DB

 E7E7E7

 A2E7D5

 FEE7ED

 8BE7CF

 FFE7F3

 74E7C9

 FFE7F9

 5DE7C3

 FFE7FF

 45E7BD

 2EE7B7

 17E7B1

 00E7AB

# Harmonies

## Analogous

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



D7E6D9



D0E7E1



CEE7E9

# Triad

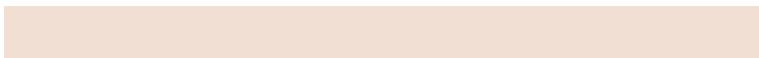
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



D0E7E1



E3E0F1



F1DFD4

# Complementary

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



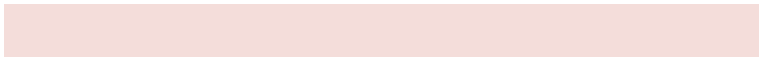
D0E7E1



E7D0D6

# 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.



F4DDDA



D0E7E1



EDDEEB

# Square

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



D0E7E1



D9E3F2



F3DDE3



EAE1D1

# Rectangle

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



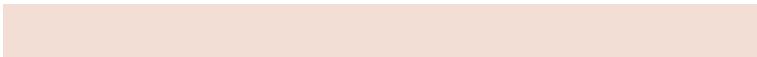
D0E7E1



CFE6EE



F3DDE3



F3DED6



# Sweetspot

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



D0E7E1



F7FFFD



D6E7D0



7A807E



000000



808080

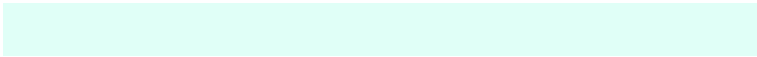


# Same Dimension

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



D0E7E1



E0FFF7



D0E2E7



677370



00B384



003326



# Inverse Universe

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



E7D0D6



FFE0E8



E7D5D0



73676A



B3002F

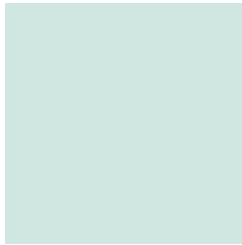


33000D



# Previews

## White Background



This preview shows how the Hex color D0E7E1 looks on a white background.

## Color Contrast Check

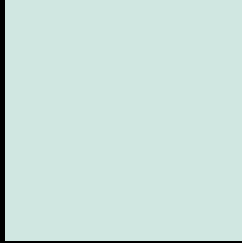
Large Text (above 18pt) WCAG AA × Fail

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 D0E7E1 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

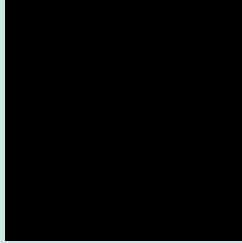
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

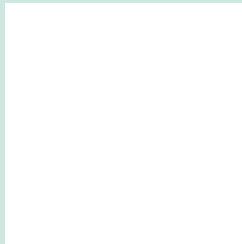
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex D0E7E1 Background



This preview shows how black text looks on a background with the Hex color D0E7E1.

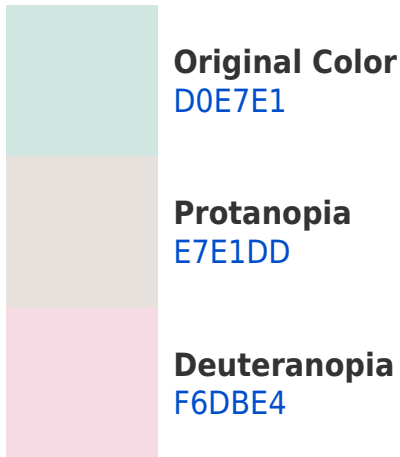


This preview shows how white text looks on a background with the Hex color D0E7E1.

# 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](#).

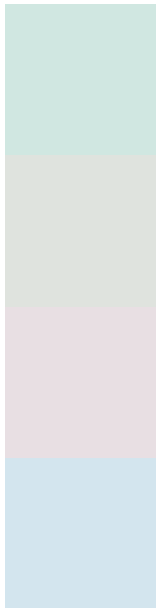
## Dichromacy





**Tritanopia**  
D4E4F6

# Trichromacy



**Original Color**  
D0E7E1

**Protanomaly**  
DFE3DE

**Deuteranomaly**  
E8DFE3

**Tritanomaly**  
D3E5EE

# Monochromacy



**Original Color**  
D0E7E1

**Achromatopsia**  
DFDFDF

**Achromatomaly**  
DAE2E0

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D0E7E1 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 #D0E7E1 looks like.

```
.text, #text, p{  
    color:#D0E7E1  
}
```

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 #D0E7E1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D0E7E1
}
```

## Border

The CSS property to change the border of an element to Hex D0E7E1 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
#D0E7E1 }
```

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

```
.border{ border-color:#D0E7E1 }
```

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

Here you see how a box with a 4 pixel #D0E7E1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D0E7E1; -webkit-box-shadow:4px 4px  
4px 4px #D0E7E1; box-shadow:4px 4px 4px  
4px #D0E7E1 }
```

# Background

The CSS property to change the background color of an element to Hex D0E7E1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D0E7E1 }
```

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

```
.background{ background-color:#D0E7E1 }
```

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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