

# Converting Colors

Hex(D4E7DC)

Have a look what the booklet for  
Hex(D4E7DC) contains.

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# **Color**

**Hex(D4E7DC)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D4E7DC
RGB	212, 231, 220
RGB Percent	83%, 91%, 86%
CMY	0.1686, 0.0941, 0.1373
CMYK	0.08, 0.00, 0.05, 0.09
HSL	145°, 28%, 87%
HSV	145°, 8%, 91%
XYZ	68.6456, 76.3162, 78.8226
YIQ	224.0650, -7.7930, -7.4490

# Conversions

## Conversions Part 2

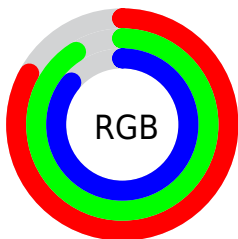
Format	Color
<b>R<sub>YB</sub></b>	212, 225, 231
Decimal	13952988
CIE Lab	90.01, -8.32, 3.19
CIE LCh	90, 8.910, 159.035
Yxy	76.3162, 0.3067, 0.3410
Android (android.graphics.Color)	4292143068 (0xFFD4E7DC)
YUV	224.0650, -2.0040, -10.5810
Hunter-Lab	87.3591, -12.6157, 7.6551

# Details

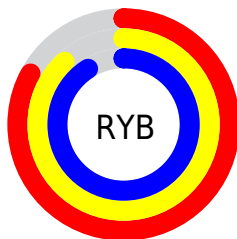
The Hex color **D4E7DC** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **E7D4DF**, and the grayscale version is **E0E0E0**.

A 20% lighter version of the original color is **FFFFFF**, and **9DAFA5** is the 20% darker color. If you saturate the color by 10%, you get **BDE7CF**, and if you desaturate by 10%, it is **EBE7E9**.

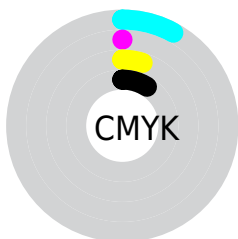
# Distribution



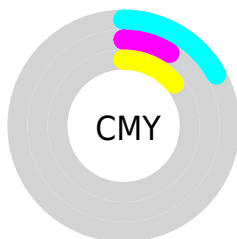
- Red (83%)
- Green (91%)
- Blue (86%)



- Red (83%)
- Yellow (88%)
- Blue (91%)



- Cyan (8%)
- Magenta (0%)
- Yellow (5%)
- Black (9%)



- Cyan (17%)
- Magenta (9%)
- Yellow (14%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D4E7DC 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 D4E7DC by changing the saturation by 10% instead.



 D4E7DC

FFFFFF

 D4E7DC

 B8CBC0

 9DAFA5

 83958B

 6A7B71

 526259

 3B4A41

 25342B

 101E17

 000000

 D4E7DC

 D4E7DC

 BDE7CF

 EBE7E9


 A6E7C1

 FFE7F7

 8FE7B4

 FFE7FF

 78E7A7

 61E799

 49E78C

 32E77E

 1BE771

 04E764

# Harmonies

## Analogous

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



DDE5D5



D4E7DC



CEE8E5

# Triad

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



D4E7DC



DDE2F3



F4DED8

# Complementary

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



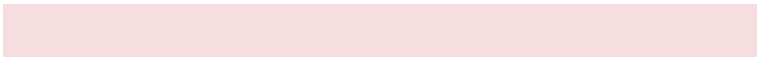
D4E7DC



E7D4DF

# 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.



F5DDE0



D4E7DC



E7DFF0

# Square

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



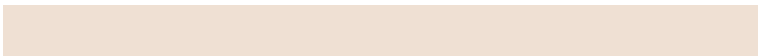
D4E7DC



D4E5F2



F0DDE9



EFE0D3

# Rectangle

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



D4E7DC



CEE7EA



F0DDE9



F5DDDA



# Sweetspot

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



D4E7DC



FAFFFC



DFE7D4



7D807E



000000



808080

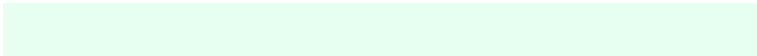


# Same Dimension

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



D4E7DC



E6FFF0



D4E7E5



67736C



00B34B



003315



# Inverse Universe

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



E7D4DF



FFE6F4



E7D4D6



73676E



B30067

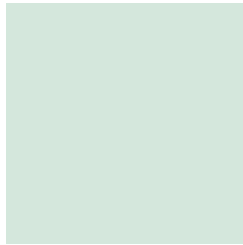


33001E



# Previews

## White Background



This preview shows how the Hex color D4E7DC looks on a white background.

## Color Contrast Check

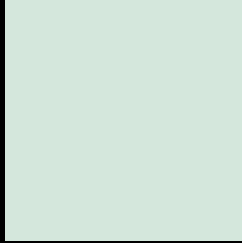
Large Text (above 18pt) WCAG AA × Fail

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 D4E7DC looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

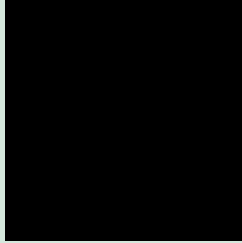
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

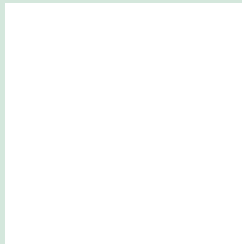
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex D4E7DC Background



This preview shows how black text looks on a background with the Hex color D4E7DC.

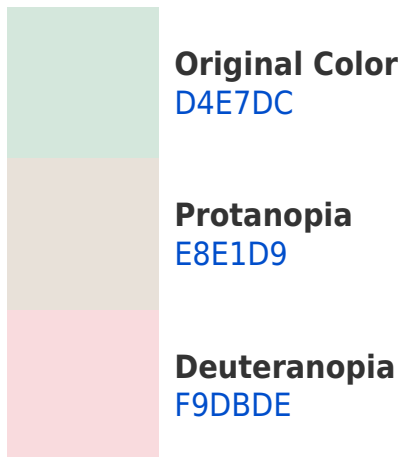


This preview shows how white text looks on a background with the Hex color D4E7DC.

# 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](#).

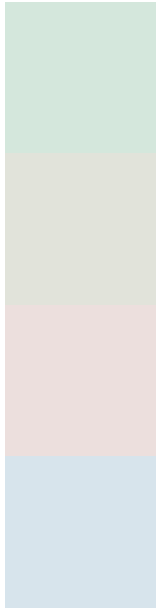
## Dichromacy





**Tritanopia**  
D8E3F5

# Trichromacy



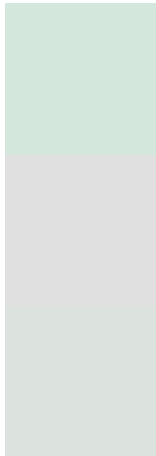
**Original Color**  
D4E7DC

**Protanomaly**  
E1E3DA

**Deuteranomaly**  
ECDFDD

**Tritanomaly**  
D7E4EC

# Monochromacy



**Original Color**  
D4E7DC

**Achromatopsia**  
E0E0E0

**Achromatomaly**  
DCE3DF

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D4E7DC 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 #D4E7DC looks like.

```
.text, #text, p{  
    color:#D4E7DC  
}
```

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 #D4E7DC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D4E7DC  
}
```

## Border

The CSS property to change the border of an element to Hex D4E7DC 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  
#D4E7DC }
```

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

```
.border{ border-color:#D4E7DC }
```

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

Here you see how a box with a 4 pixel #D4E7DC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D4E7DC; -webkit-box-shadow:4px 4px  
4px 4px #D4E7DC; box-shadow:4px 4px 4px  
4px #D4E7DC }
```

# Background

The CSS property to change the background color of an element to Hex D4E7DC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D4E7DC }
```

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

```
.background{ background-color:#D4E7DC }
```

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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