

# Converting Colors

Hex(D7E9CC)

Have a look what the booklet for  
Hex(D7E9CC) contains.

<b>Hex(D7E9CC)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Hex(D7E9CC)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D7E9CC
RGB	215, 233, 204
RGB Percent	84%, 91%, 80%
CMY	0.1569, 0.0863, 0.2000
CMYK	0.08, 0.00, 0.12, 0.09
HSL	97°, 40%, 86%
HSV	97°, 12%, 91%
XYZ	68.0623, 77.0845, 68.4183
YIQ	224.3120, -1.4190, -12.8350

# Conversions

## Conversions Part 2

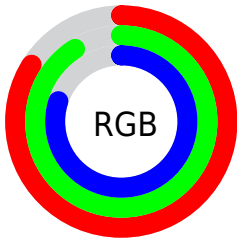
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	204, 233, 222
Decimal	14150092
CIE Lab	90.36, -11.12, 12.08
CIE LCh	90, 16.418, 132.646
Yxy	77.0845, 0.3187, 0.3609
Android (android.graphics.Color)	4292340172 (0xFFD7E9CC)
YUV	224.3120, -10.0138, -8.1666
Hunter-Lab	87.7978, -15.2699, 15.2555

# Details

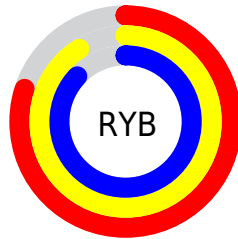
The Hex color **D7E9CC** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **DECCE9**, and the grayscale version is **E0E0E0**.

A 20% lighter version of the original color is **FFFFFF**, and **A0B196** is the 20% darker color. If you saturate the color by 10%, you get **C9E9B5**, and if you desaturate by 10%, it is **E5E9E3**.

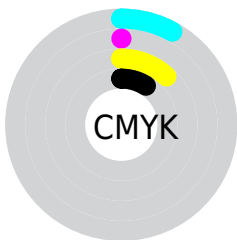
# Distribution



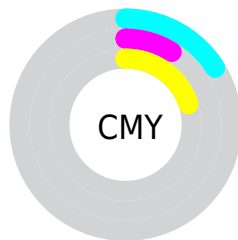
- Red (84%)
- Green (91%)
- Blue (80%)



- Red (80%)
- Yellow (91%)
- Blue (87%)



- Cyan (8%)
- Magenta (0%)
- Yellow (12%)
- Black (9%)



- Cyan (16%)
- Magenta (9%)
- Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D7E9CC 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 D7E9CC by changing the saturation by 10% instead.



 D7E9CC

FFFFFF

 D7E9CC

 BBCDB1

 A0B196

 86977C

 6D7D63

 54644B

 3D4C34

 27351F

 132008

 000200

 D7E9CC

 D7E9CC

 C9E9B5

 E5E9E3

 BAE99D

 F4E9FB

 ACE986

 FFE9FF

 9DE96F

 8FE958

 80E940

 72E929

 63E912

 58E900

# Harmonies

## Analogous

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



E9E4C5



D7E9CC



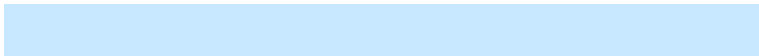
C7ECD9

# Triad

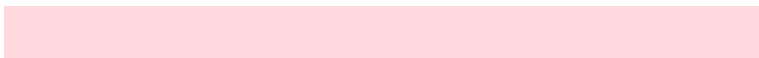
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



D7E9CC



C8E8FF



FFD9DD

# Complementary

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



D7E9CC



DECCE9

# 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.



FEDAED



D7E9CC



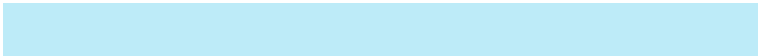
DBE2FF

# Square

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



D7E9CC



BDEBF8



EFDDFB



FFD8CF

# Rectangle

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



D7E9CC



BFDEE4



EFDDFB



FFD9E2



# Sweetspot

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



D7E9CC



F9FFF5



E9DECC



7C8079



000000



808080

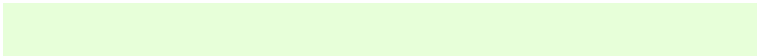


# Same Dimension

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



D7E9CC



E7FFD9



CCE9CF



6E756A



45B500



143600



# Inverse Universe

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



DECCE9



F0D9FF



E9CCE6



716A75



7000B5

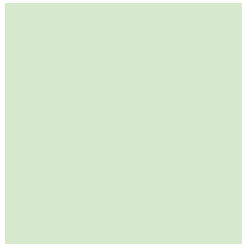


210036



# Previews

## White Background



This preview shows how the Hex color D7E9CC looks on a white background.

## Color Contrast Check

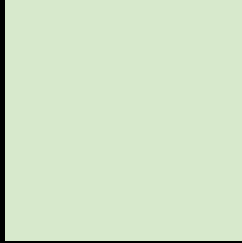
Large Text (above 18pt) WCAG AA × Fail

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 D7E9CC looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

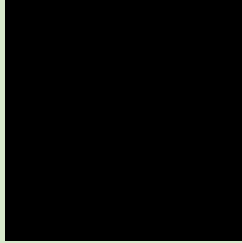
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

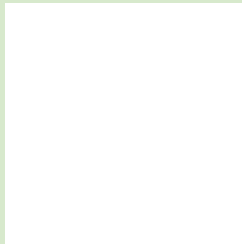
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex D7E9CC Background



This preview shows how black text looks on a background with the Hex color D7E9CC.

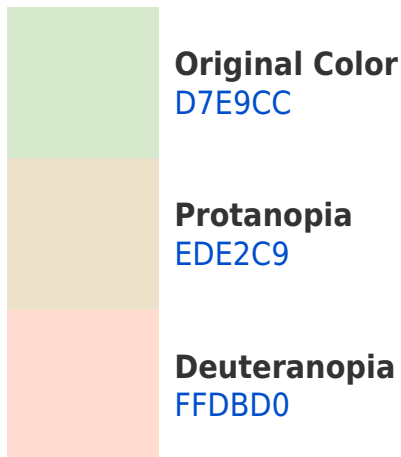


This preview shows how white text looks on a background with the Hex color D7E9CC.

# 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](#).

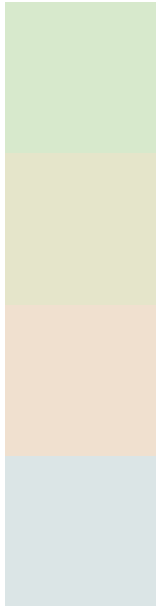
## Dichromacy





**Tritanopia**  
DDE3F5

# Trichromacy



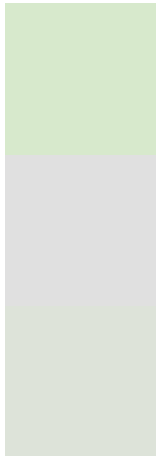
**Original Color**  
D7E9CC

**Protanomaly**  
E5E5CA

**Deuteranomaly**  
F0E0CF

**Tritanomaly**  
DBE5E6

# Monochromacy



**Original Color**  
D7E9CC

**Achromatopsia**  
E0E0E0

**Achromatomaly**  
DDE3D9

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D7E9CC 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 #D7E9CC looks like.

```
.text, #text, p{  
    color:#D7E9CC  
}
```

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 #D7E9CC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D7E9CC }  
}
```

## Border

The CSS property to change the border of an element to Hex D7E9CC 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 #D7E9CC }  
}
```

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

```
.border{ border-color:#D7E9CC }
```

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

Here you see how a box with a 4 pixel #D7E9CC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D7E9CC; -webkit-box-shadow:4px 4px  
4px 4px #D7E9CC; box-shadow:4px 4px 4px  
4px #D7E9CC }
```

# Background

The CSS property to change the background color of an element to Hex D7E9CC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D7E9CC }
```

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

```
.background{ background-color:#D7E9CC }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor