

# Converting Colors

Hex(D7E6D7)

Have a look what the booklet for  
Hex(D7E6D7) contains.

<b>Hex(D7E6D7)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(D7E6D7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D7E6D7
RGB	215, 230, 215
RGB Percent	84%, 90%, 84%
CMY	0.1569, 0.0980, 0.1569
CMYK	0.07, 0.00, 0.07, 0.10
HSL	120°, 23%, 87%
HSV	120°, 7%, 90%
XYZ	68.5869, 75.9470, 75.3343
YIQ	223.8050, -4.1250, -7.8450

# Conversions

## Conversions Part 2

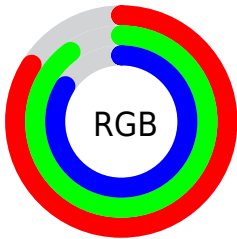
Format	Color
<b>RYB</b>	215, 230, 230
Decimal	14149335
CIELab	89.83, -7.71, 5.58
CIELCh	90, 9.518, 144.096
Yxy	75.9470, 0.3119, 0.3454
Android (android.graphics.Color)	4292339415 (0xFFD7E6D7)
YUV	223.8050, -4.3409, -7.7220
Hunter-Lab	87.1476, -12.0252, 9.7503

# Details

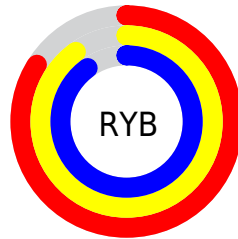
The Hex color **D7E6D7** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **E6D7E6**, and the grayscale version is **E0E0E0**.

A 20% lighter version of the original color is **FFFFFF**, and **A0AFA0** is the 20% darker color. If you saturate the color by 10%, you get **C0E6C0**, and if you desaturate by 10%, it is **EEE6EE**.

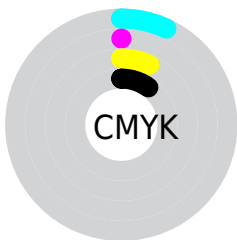
# Distribution



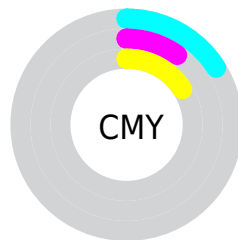
- Red (84%)
- Green (90%)
- Blue (84%)



- Red (84%)
- Yellow (90%)
- Blue (90%)



- Cyan (7%)
- Magenta (0%)
- Yellow (7%)
- Black (10%)



- Cyan (16%)
- Magenta (10%)
- Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D7E6D7 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 D7E6D7 by changing the saturation by 10% instead.



 D7E6D7

FFFFFF

 D7E6D7

 BBCABB

 A0AFA0

 869486

 6D7A6D

 546155

 3D493D

 273328

 131E13

 000000

 D7E6D7

 D7E6D7

 C0E6C0

 EEE6EE

 A9E6A9

 FFE6FF

 92E692

 7BE67B

 64E664

 4DE64D

 36E636

 1FE61F

 08E608

# Harmonies

## Analogous

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



E1E4D1



D7E6D7



CFE7E0

# Triad

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



D7E6D7



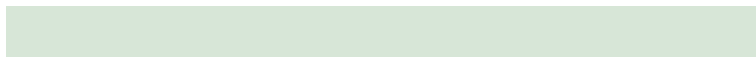
D7E3F4



F6DCDB

# Complementary

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



D7E6D7



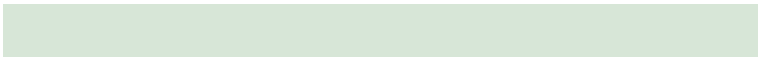
E6D7E6

# 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.



F4DCE4



D7E6D7



E2E0F2

# Square

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



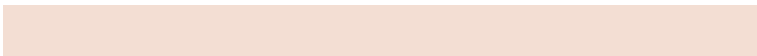
D7E6D7



CEE6F0



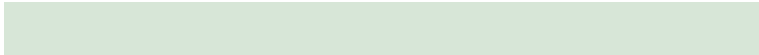
ECDDDD



F3DED3

# Rectangle

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



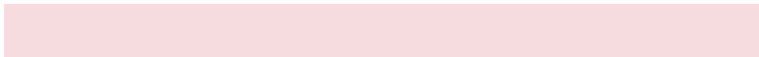
D7E6D7



CCE7E6



ECDDDD



F6DCDE



# Sweetspot

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



D7E6D7



FAFFFA



E6E6D7



7D807D



000000

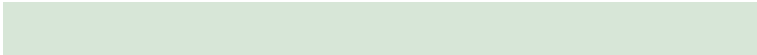


808080

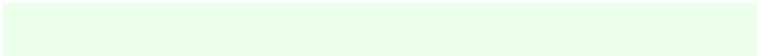


# Same Dimension

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



D7E6D7



EBFFEB



D7E6DF



677367



00B300



003300



# Inverse Universe

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



E6D7E6



FFEBFF



E6D7DF



736773



B300B3

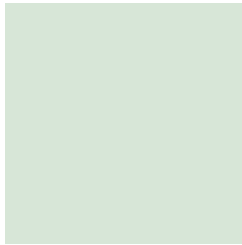


330033



# Previews

## White Background



This preview shows how the Hex color D7E6D7 looks on a white background.

## Color Contrast Check

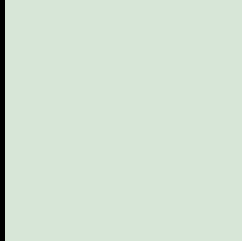
Large Text (above 18pt) WCAG AA × Fail

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 D7E6D7 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

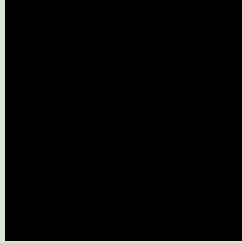
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

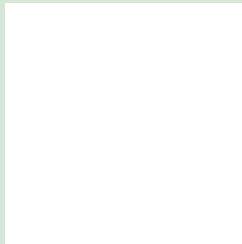
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex D7E6D7 Background



This preview shows how black text looks on a background with the Hex color D7E6D7.

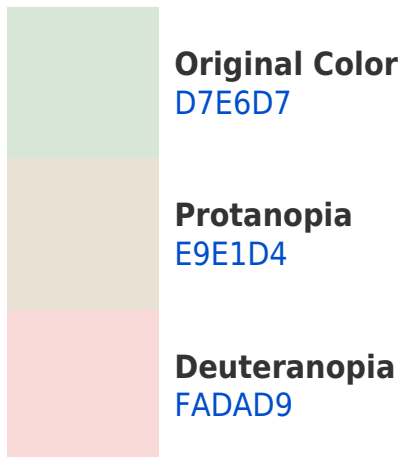


This preview shows how white text looks on a background with the Hex color D7E6D7.

# 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**  
DCE2F4

# Trichromacy



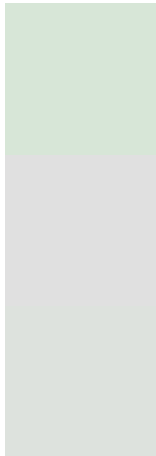
**Original Color**  
D7E6D7

**Protanomaly**  
E2E3D5

**Deuteranomaly**  
EDDED8

**Tritanomaly**  
DAE3E9

# Monochromacy



**Original Color**  
D7E6D7

**Achromatopsia**  
E0E0E0

**Achromatomaly**  
DDE2DD

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D7E6D7 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 #D7E6D7 looks like.

```
.text, #text, p{  
    color:#D7E6D7  
}
```

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 #D7E6D7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D7E6D7
}
```

## Border

The CSS property to change the border of an element to Hex D7E6D7 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
#D7E6D7 }
```

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

```
.border{ border-color:#D7E6D7 }
```

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

Here you see how a box with a 4 pixel #D7E6D7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D7E6D7; -webkit-box-shadow:4px 4px  
4px 4px #D7E6D7; box-shadow:4px 4px 4px  
4px #D7E6D7 }
```

# Background

The CSS property to change the background color of an element to Hex D7E6D7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D7E6D7 }
```

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

```
.background{ background-color:#D7E6D7 }
```

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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