

# Converting Colors

Hex(D0E7B1)

Have a look what the booklet for  
Hex(D0E7B1) contains.

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# **Color**

**Hex(D0E7B1)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D0E7B1
RGB	208, 231, 177
RGB Percent	82%, 91%, 69%
CMY	0.1843, 0.0941, 0.3059
CMYK	0.10, 0.00, 0.23, 0.09
HSL	86°, 53%, 80%
HSV	86°, 23%, 91%
XYZ	62.5242, 73.7360, 52.5321
YIQ	217.9670, 3.6260, -21.6700

# Conversions

## Conversions Part 2

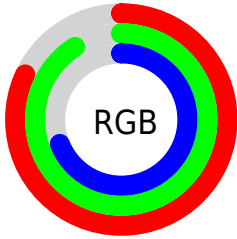
Format	Color
<a href="#">RYB</a>	<a href="#">177, 231, 200</a>
Decimal	<a href="#">13690801</a>
CIELab	<a href="#">88.80, -16.86, 23.82</a>
CIELCh	<a href="#">89, 29.188, 125.293</a>
Yxy	<a href="#">73.7360, 0.3312, 0.3906</a>
Android (android.graphics.Color)	<a href="#">4291880881</a> ( <a href="#">0xFFD0E7B1</a> )
YUV	<a href="#">217.9670, -20.1967, -8.7411</a>
Hunter-Lab	<a href="#">85.8697, -20.3011, 23.8372</a>

# Details

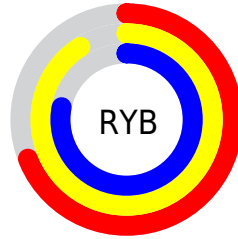
The Hex color **D0E7B1** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **C8B1E7**, and the grayscale version is **DADADA**.

A 20% lighter version of the original color is **FFFFE9**, and **99AF7C** is the 20% darker color. If you saturate the color by 10%, you get **C6E79A**, and if you desaturate by 10%, it is **DAE7C8**.

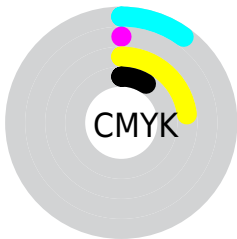
# Distribution



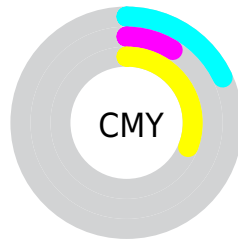
- Red (82%)
- Green (91%)
- Blue (69%)



- Red (69%)
- Yellow (91%)
- Blue (78%)



- Cyan (10%)
- Magenta (0%)
- Yellow (23%)
- Black (9%)



- Cyan (18%)
- Magenta (9%)
- Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D0E7B1 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 D0E7B1 by changing the saturation by 10% instead.



 D0E7B1

FFFFFF

 FFFFE9

 D0E7B1

 B4CB96

 99AF7C

 7F9563

 657B4B

 4D6233

 354A1D

 1F3306

 051F00

 000000

 D0E7B1

 D0E7B1

 C6E79A

 DAE7C8

 BCE783

 E4E7DF

 B2E76C

 EEE7F6

 A9E755

 F7E7FF

 9FE73E

 FFE7FF

 95E726

 8BE70F

 85E700

# Harmonies

## Analogous

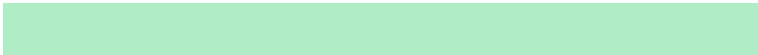
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



EFDFA8



D0E7B1



B0EDC7

# Triad

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



D0E7B1



A1E8FF



FFCBDB

# Complementary

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



D0E7B1



C8B1E7

# Split Complementary

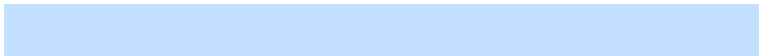
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFCEF7



D0E7B1



C4E0FF

# Square

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



D0E7B1



8FEDFE



EAD6FF



FFCEC0

# Rectangle

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



D0E7B1



9EEED9



EAD6FF



FFCBE4



# Sweetspot

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



D0E7B1



F7FFED



E7C8B1



7B8075



000000



808080

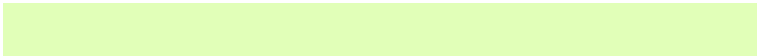


# Same Dimension

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



D0E7B1



E1FFB8



B6E7B1



6E7367



66B300



1D3300



# Inverse Universe

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



C8B1E7



D6B8FF



E2B1E7



6C6773



4C00B3

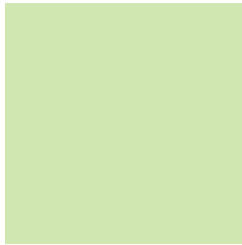


160033



# Previews

## White Background



This preview shows how the Hex color D0E7B1 looks on a white background.

## Color Contrast Check

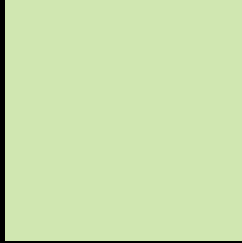
Large Text (above 18pt) WCAG AA × Fail

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 D0E7B1 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

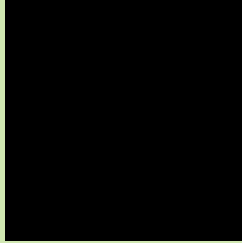
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

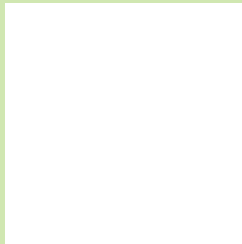
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex D0E7B1 Background



This preview shows how black text looks on a background with the Hex color D0E7B1.

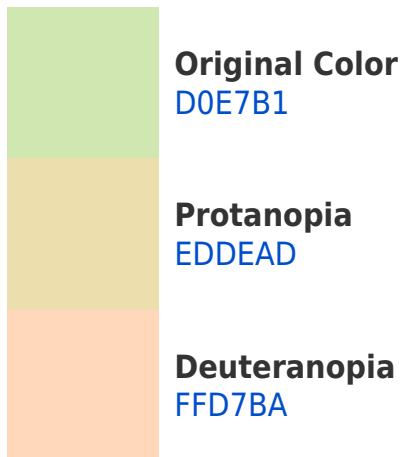


This preview shows how white text looks on a background with the Hex color D0E7B1.

# 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](#).

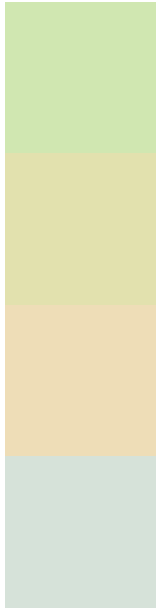
## Dichromacy





**Tritanopia**  
D9DFF0

# Trichromacy



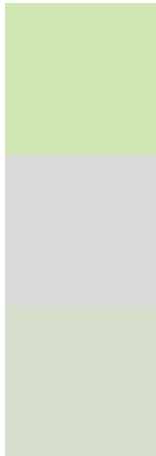
**Original Color**  
D0E7B1

**Protanomaly**  
E2E1AE

**Deuteranomaly**  
EEDDB7

**Tritanomaly**  
D6E2D9

# Monochromacy



**Original Color**  
D0E7B1

**Achromatopsia**  
DADADA

**Achromatomaly**  
D6DFCB

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D0E7B1 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 #D0E7B1 looks like.

```
.text, #text, p{  
    color:#D0E7B1  
}
```

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 #D0E7B1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D0E7B1
}
```

## Border

The CSS property to change the border of an element to Hex D0E7B1 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
#D0E7B1 }
```

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

```
.border{ border-color:#D0E7B1 }
```

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

Here you see how a box with a 4 pixel #D0E7B1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D0E7B1; -webkit-box-shadow:4px 4px  
4px 4px #D0E7B1; box-shadow:4px 4px 4px  
4px #D0E7B1 }
```

# Background

The CSS property to change the background color of an element to Hex D0E7B1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D0E7B1 }
```

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

```
.background{ background-color:#D0E7B1 }
```

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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