

# Converting Colors

Hex(D7E3A7)

Have a look what the booklet for  
Hex(D7E3A7) contains.

<b>Hex(D7E3A7)</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(D7E3A7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D7E3A7
RGB	215, 227, 167
RGB Percent	84%, 89%, 65%
CMY	0.1569, 0.1098, 0.3451
CMYK	0.05, 0.00, 0.26, 0.11
HSL	72°, 52%, 77%
HSV	72°, 26%, 89%
XYZ	62.4685, 72.1753, 47.1980
YIQ	216.5720, 12.1080, -21.2040

# Conversions

## Conversions Part 2

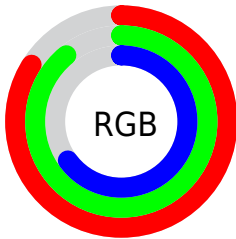
Format	Color
<a href="#">RYB</a>	<a href="#">167, 227, 179</a>
Decimal	<a href="#">14148519</a>
CIELab	<a href="#">88.05, -13.78, 28.04</a>
CIElCh	<a href="#">88, 31.243, 116.176</a>
Yxy	<a href="#">72.1753, 0.3435, 0.3969</a>
Android (android.graphics.Color)	<a href="#">4292338599</a> ( <a href="#">0xFFD7E3A7</a> )
YUV	<a href="#">216.5720, -24.4390, -1.3786</a>
Hunter-Lab	<a href="#">84.9560, -17.4214, 26.5302</a>

# Details

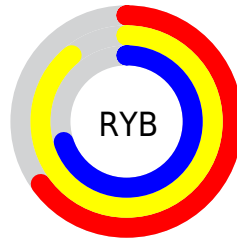
The Hex color **D7E3A7** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **B3A7E3**, and the grayscale version is **D9D9D9**.

A 20% lighter version of the original color is **FFFFDE**, and **A0AC73** is the 20% darker color. If you saturate the color by 10%, you get **D2E390**, and if you desaturate by 10%, it is **DCE3BE**.

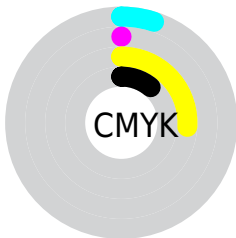
# Distribution



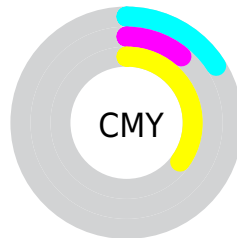
- Red (84%)
- Green (89%)
- Blue (65%)



- Red (65%)
- Yellow (89%)
- Blue (70%)



- Cyan (5%)
- Magenta (0%)
- Yellow (26%)
- Black (11%)



- Cyan (16%)
- Magenta (11%)
- Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D7E3A7 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 D7E3A7 by changing the saturation by 10% instead.



 D7E3A7

 D7E3A7

FFFFFF

 BBC78C

 FFFFDE

 A0AC73

 FFFFFB

 85915A

 6B7742

 525F2A

 3A4714

 243100

 091C00

 000000

 D7E3A7

 D7E3A7

 D2E390

 DCE3BE

 CEE37A

 E0E3D4

 C9E363

 E5E3EB

 C5E34C

 E9E3FF

 C0E336

 EEE3FF

 BCE31F

 F2E3FF

 B7E308

 F7E3FF

 B6E300

 FBE3FF

 FFE3FF

# Harmonies

## Analogous

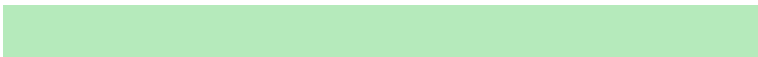
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



F6DAA2



D7E3A7



B5EABB

# Triad

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



D7E3A7



90E9FF



FFC8E2

# Complementary

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



D7E3A7



B3A7E3

# Split Complementary

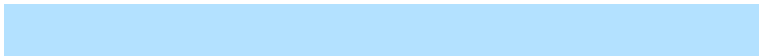
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFCDFE



D7E3A7



B3E1FF

# Square

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



D7E3A7



85EDF6



DCD7FF



FFC9C4

# Rectangle

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



D7E3A7



9FEDCE



DCD7FF



FFC9EC



# Sweetspot

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



D7E3A7



FBFFEB



E3B3A7



7D8073



000000



808080

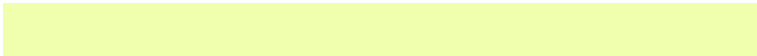


# Same Dimension

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



D7E3A7



EFFFAD



BAE3A7



707367



8FB300



293300



# Inverse Universe

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



B3A7E3



BEADFF



D1A7E3



6A6773



2400B3



0A0033



# Previews

## White Background



This preview shows how the Hex color D7E3A7 looks on a white background.

## Color Contrast Check

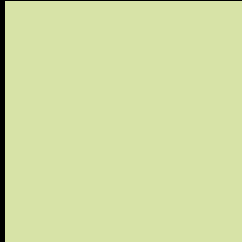
Large Text (above 18pt) WCAG AA × Fail

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 D7E3A7 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

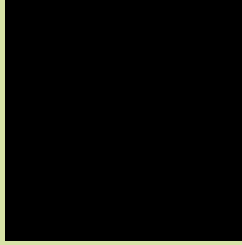
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

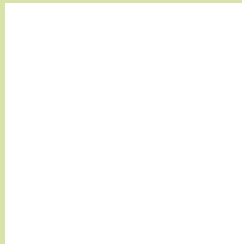
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex D7E3A7 Background



This preview shows how black text looks on a background with the Hex color D7E3A7.

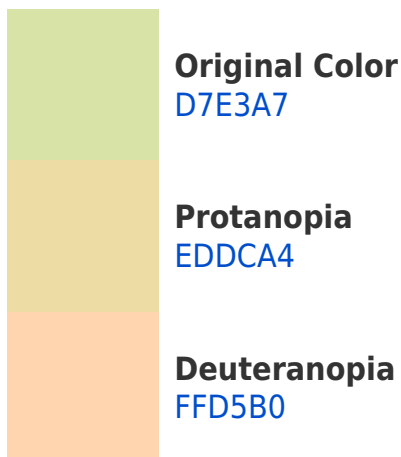


This preview shows how white text looks on a background with the Hex color D7E3A7.

# Color Blindness Simulation

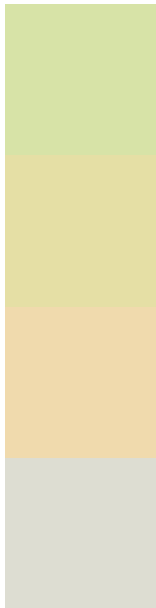
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



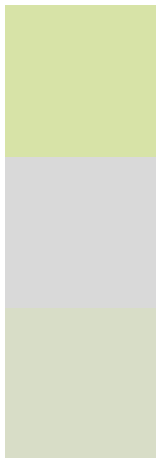
**Original Color**  
D7E3A7

**Protanomaly**  
E5DFA5

**Deuteranomaly**  
F0DAAD

**Tritanomaly**  
DDDD2

# Monochromacy



**Original Color**  
D7E3A7

**Achromatopsia**  
D9D9D9

**Achromatomaly**  
D8DDC7

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D7E3A7 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 #D7E3A7 looks like.

```
.text, #text, p{  
    color:#D7E3A7  
}
```

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 #D7E3A7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D7E3A7
}
```

## Border

The CSS property to change the border of an element to Hex D7E3A7 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
#D7E3A7 }
```

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

```
.border{ border-color:#D7E3A7 }
```

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

Here you see how a box with a 4 pixel #D7E3A7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D7E3A7; -webkit-box-shadow:4px 4px  
4px 4px #D7E3A7; box-shadow:4px 4px 4px  
4px #D7E3A7 }
```

# Background

The CSS property to change the background color of an element to Hex D7E3A7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D7E3A7 }
```

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

```
.background{ background-color:#D7E3A7 }
```

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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