

Converting Colors

Hex(D7E0B7)

Have a look what the booklet for
Hex(D7E0B7) contains.

Hex(D7E0B7)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(D7E0B7)

Conversions

Conversions Part 1

Format	Color
Hex	D7E0B7
RGB	215, 224, 183
RGB Percent	84%, 88%, 72%
CMY	0.1569, 0.1216, 0.2824
CMYK	0.04, 0.00, 0.18, 0.12
HSL	73°, 40%, 80%
HSV	73°, 18%, 88%
XYZ	63.2272, 71.1773, 55.2059
YIQ	216.6350, 7.7970, -14.6590

Conversions

Conversions Part 2

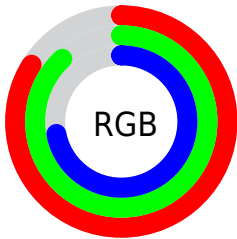
Format	Color
RYB	183, 224, 192
Decimal	14147767
CIELab	87.57, -9.95, 19.09
CIELCh	88, 21.530, 117.534
Yxy	71.1773, 0.3335, 0.3754
Android (android.graphics.Color)	4292337847 (0xFFD7E0B7)
YUV	216.6350, -16.5821, -1.4339
Hunter-Lab	84.3666, -13.8676, 20.2598

Details

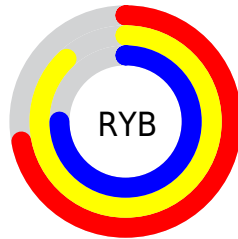
The Hex color **D7E0B7** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **C0B7E0**, and the grayscale version is **D9D9D9**.

A 20% lighter version of the original color is **FFFFFF**, and **A0A982** is the 20% darker color. If you saturate the color by 10%, you get **D2E0A1**, and if you desaturate by 10%, it is **DCE0CD**.

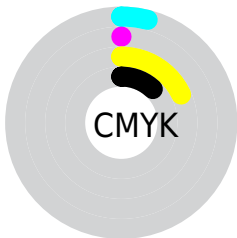
Distribution



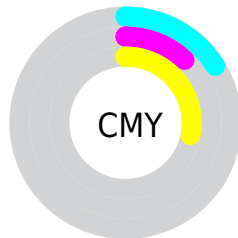
- Red (84%)
- Green (88%)
- Blue (72%)



- Red (72%)
- Yellow (88%)
- Blue (75%)



- Cyan (4%)
- Magenta (0%)
- Yellow (18%)
- Black (12%)



- Cyan (16%)
- Magenta (12%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Hex color D7E0B7 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 D7E0B7 by changing the saturation by 10% instead.

 D7E0B7

FFFFFF

 FFFFEF

 D7E0B7

 BBC49C

 A0A982

 868E69

 6C7550

 545C39

 3C4523

 262E0E

 101A00

 000000

 D7E0B7

 D7E0B7

 D2E0A1

 DCE0CD

 CDE08A

 E1E0E4

 C8E074

 E6E0FA

 C3E05D

 EBE0FF

 BEE047

 F0E0FF

 B9E031

 F5E0FF

 B5E01A

 F9E0FF

 B0E004

 FEE0FF

 AFE000

 FFE0FF

Harmonies

Analogous

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



EDD9B3



D7E0B7



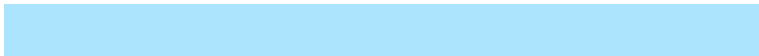
C0E5C5

Triad

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



D7E0B7



ADE4FD



FFCDDE

Complementary

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



D7E0B7



C0B7E0

Split Complementary

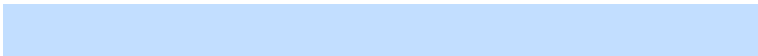
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



F5D1F2



D7E0B7



C2DEFF

Square

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



D7E0B7



A5E7EE



DDD7FF



FFCEC9

Rectangle

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



D7E0B7



B2E7D2



DDD7FF



FFCEE5

Sweetspot

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



D7E0B7



FCFFF2



E0C0B7



7E8078



000000



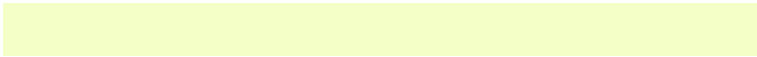
808080

Same Dimension

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



D7E0B7



F3FFC7



C3E0B7



6E7065



89B000



263000

Inverse Universe

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



C0B7E0



D3C7FF



D4B7E0



676570



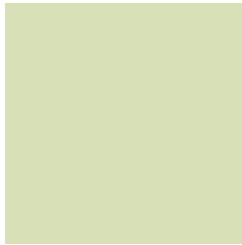
2700B0



0B0030

Previews

White Background



This preview shows how the Hex color D7E0B7 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 D7E0B7 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

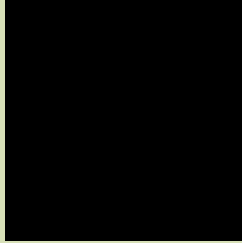
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

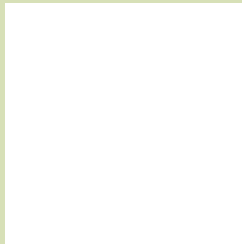
Any Text WCAG AAA ✓ Pass

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

Hex D7E0B7 Background



This preview shows how black text looks on a background with the Hex color D7E0B7.

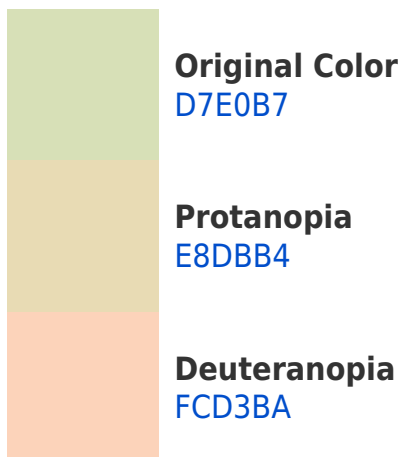


This preview shows how white text looks on a background with the Hex color D7E0B7.

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](#).

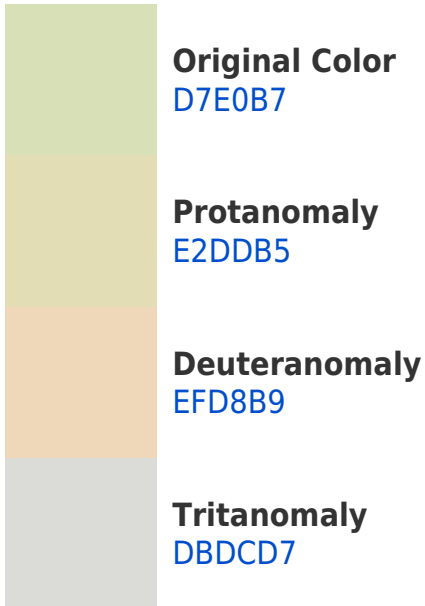
Dichromacy



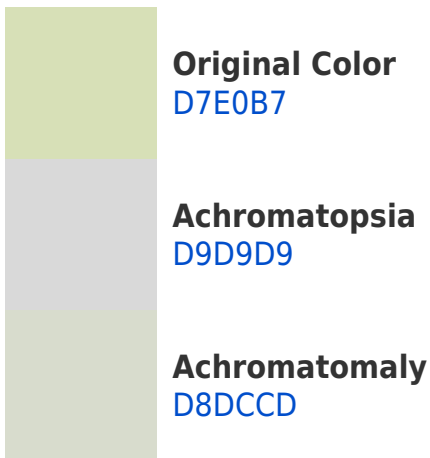


Tritanopia
DED9EA

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D7E0B7 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 #D7E0B7 looks like.

```
.text, #text, p{  
    color:#D7E0B7  
}
```

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 #D7E0B7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D7E0B7
}
```

Border

The CSS property to change the border of an element to Hex D7E0B7 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
#D7E0B7 }
```

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

```
.border{ border-color:#D7E0B7 }
```

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

Here you see how a box with a 4 pixel #D7E0B7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D7E0B7; -webkit-box-shadow:4px 4px  
4px 4px #D7E0B7; box-shadow:4px 4px 4px  
4px #D7E0B7 }
```

Background

The CSS property to change the background color of an element to Hex D7E0B7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D7E0B7 }
```

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

```
.background{ background-color:#D7E0B7 }
```

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