

Converting Colors

Hex(D7E6AA)

Have a look what the booklet for
Hex(D7E6AA) contains.

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Color

Hex(D7E6AA)

Conversions

Conversions Part 1

Format	Color
Hex	D7E6AA
RGB	215, 230, 170
RGB Percent	84%, 90%, 67%
CMY	0.1569, 0.0980, 0.3333
CMYK	0.07, 0.00, 0.26, 0.10
HSL	75°, 55%, 78%
HSV	75°, 26%, 90%
XYZ	63.5768, 73.9430, 48.9518
YIQ	218.6750, 10.3200, -21.8400

Conversions

Conversions Part 2

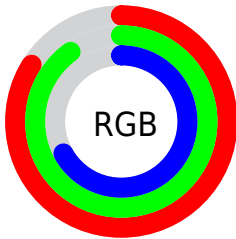
Format	Color
RYB	170, 230, 185
Decimal	14149290
CIELab	88.90, -14.86, 27.64
CIElCh	89, 31.381, 118.262
Yxy	73.9430, 0.3409, 0.3965
Android (android.graphics.Color)	4292339370 (0xFFD7E6AA)
YUV	218.6750, -23.9968, -3.2230
Hunter-Lab	85.9901, -18.5086, 26.4409

Details

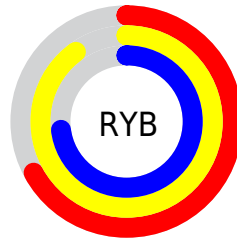
The Hex color **D7E6AA** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **B9AAE6**, and the grayscale version is **DBDBDB**.

A 20% lighter version of the original color is **FFFFE2**, and **A0AF75** is the 20% darker color. If you saturate the color by 10%, you get **D1E693**, and if you desaturate by 10%, it is **DDE6C1**.

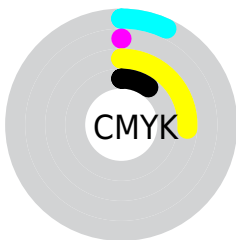
Distribution



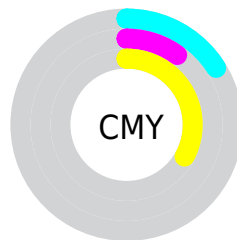
- Red (84%)
- Green (90%)
- Blue (67%)



- Red (67%)
- Yellow (90%)
- Blue (73%)



- Cyan (7%)
- Magenta (0%)
- Yellow (26%)
- Black (10%)



- Cyan (16%)
- Magenta (10%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color D7E6AA 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 D7E6AA by changing the saturation by 10% instead.

 D7E6AA

FFFFFF

 FFFFE2

FFFFFFE

 D7E6AA

 BBCA8F

 A0AF75

 85945C

 6B7A44

 52612D

 3B4917

 243300

 0B1E00

 000000

 D7E6AA

 D7E6AA

 D1E693

 DDE6C1

 CCE67C

 E3E6D8

 C6E665

 E8E6EF

 C0E64E

 EEE6FF

 BAE637

 F4E6FF

 B5E620

 FAE6FF

 AFE609

 FFE6FF

 ADE600

Harmonies

Analogous

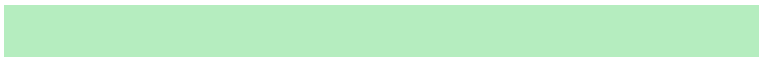
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



F7DDA4



D7E6AA



B5EDBF

Triad

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



D7E6AA



93EBFF



FFCAE2

Complementary

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



D7E6AA



B9AAE6

Split Complementary

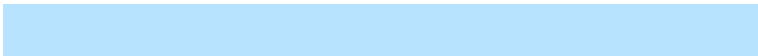
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFCFFF



D7E6AA



B8E3FF

Square

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



D7E6AA



86EFFA



E2D8FF



FFCBC4

Rectangle

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



D7E6AA



9FEFD2



E2D8FF



FFCBEC

Sweetspot

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



D7E6AA



FAFFEB



E6B9AA



7C8073



000000



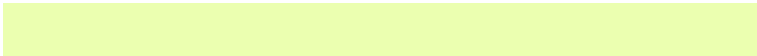
808080

Same Dimension

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



D7E6AA



EBFFB0



B9E6AA



707367



86B300



263300

Inverse Universe

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



B9AAE6



C4B0FF



D7AAE6



6A6773



2D00B3



0D0033

Previews

White Background



This preview shows how the Hex color D7E6AA 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 D7E6AA looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

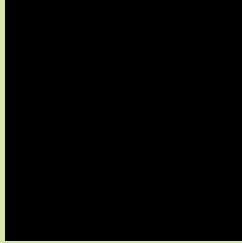
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

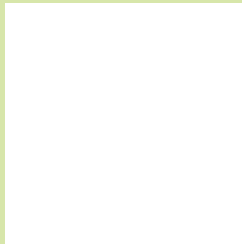
Any Text WCAG AAA ✓ Pass

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

Hex D7E6AA Background



This preview shows how black text looks on a background with the Hex color D7E6AA.

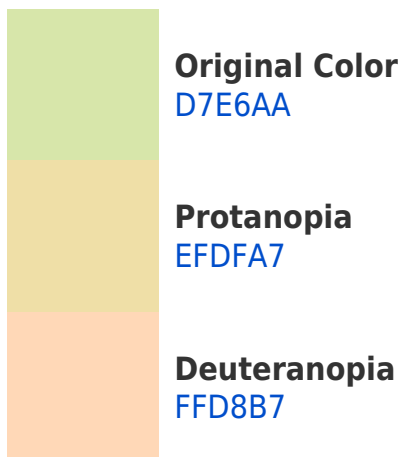


This preview shows how white text looks on a background with the Hex color D7E6AA.

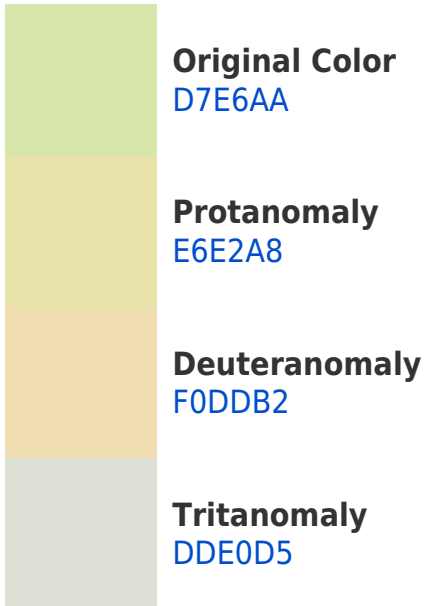
Color Blindness Simulation

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](#).

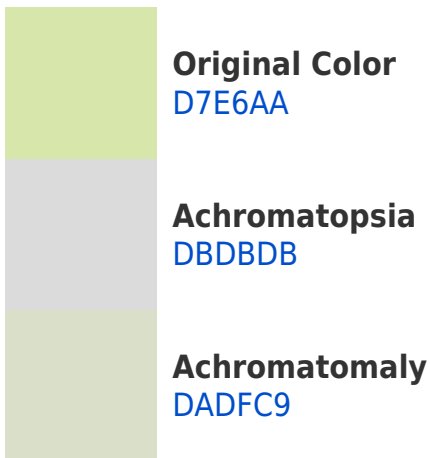
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D7E6AA 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 #D7E6AA looks like.

```
.text, #text, p{  
    color:#D7E6AA  
}
```

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 #D7E6AA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D7E6AA }  
}
```

Border

The CSS property to change the border of an element to Hex D7E6AA 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 #D7E6AA }  
}
```

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

```
.border{ border-color:#D7E6AA }
```

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

Here you see how a box with a 4 pixel #D7E6AA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D7E6AA; -webkit-box-shadow:4px 4px  
4px 4px #D7E6AA; box-shadow:4px 4px 4px  
4px #D7E6AA }
```

Background

The CSS property to change the background color of an element to Hex D7E6AA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D7E6AA }
```

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

```
.background{ background-color:#D7E6AA }
```

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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