

Converting Colors

Hex(D3E7A0)

Have a look what the booklet for
Hex(D3E7A0) contains.

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Color

Hex(D3E7A0)

Conversions

Conversions Part 1

Format	Color
Hex	D3E7A0
RGB	211, 231, 160
RGB Percent	83%, 91%, 63%
CMY	0.1725, 0.0941, 0.3725
CMYK	0.09, 0.00, 0.31, 0.09
HSL	77°, 60%, 77%
HSV	77°, 31%, 91%
XYZ	61.7850, 73.5388, 44.1957
YIQ	216.9260, 10.8710, -26.3210

Conversions

Conversions Part 2

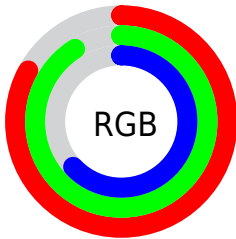
Format	Color
RYB	160, 231, 180
Decimal	13887392
CIELab	88.70, -18.18, 32.44
CIElCh	89, 37.189, 119.266
Yxy	73.5388, 0.3442, 0.4096
Android (android.graphics.Color)	4292077472 (0xFFD3E7A0)
YUV	216.9260, -28.0645, -5.1971
Hunter-Lab	85.7548, -21.4642, 29.4719

Details

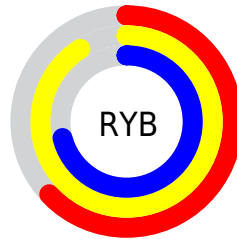
The Hex color **D3E7A0** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **B4A0E7**, and the grayscale version is **D9D9D9**.

A 20% lighter version of the original color is **FFFFD7**, and **9CAF6C** is the 20% darker color. If you saturate the color by 10%, you get **CCE789**, and if you desaturate by 10%, it is **DAE7B7**.

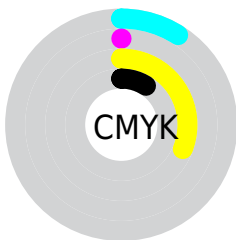
Distribution



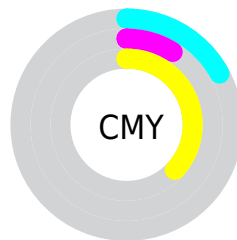
- Red (83%)
- Green (91%)
- Blue (63%)



- Red (63%)
- Yellow (91%)
- Blue (71%)



- Cyan (9%)
- Magenta (0%)
- Yellow (31%)
- Black (9%)



- Cyan (17%)
- Magenta (9%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Hex color D3E7A0 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 D3E7A0 by changing the saturation by 10% instead.

 D3E7A0

 D3E7A0

FFFFFF

 B7CB85

 FFFFD7

 9CAF6C

 FFFFF4

 819553

 677B3B

 4E6223

 364A0B

 203300

 011F00

 000000

 D3E7A0

 D3E7A0

 CCE789

 DAE7B7

 C6E772

 E0E7CE

 BFE75B

 E7E7E5

 B9E744

 EDE7FC

 B2E72C

 F4E7FF

 ACE715

 FAE7FF

 A6E700

 FFE7FF

Harmonies

Analogous

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



F8DC98



D3E7A0



AAEFB9

Triad

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



D3E7A0



7EECFE



FFC4E1

Complementary

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



D3E7A0



B4A0E7

Split Complementary

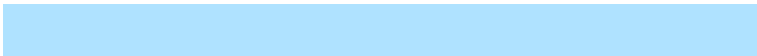
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFCAFF



D3E7A0



AFE2FF

Square

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



D3E7A0



6BF1FF



E2D6FF



FFC7BE

Rectangle

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



D3E7A0



8FF1D0



E2D6FF



FFC5ED

Sweetspot

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



D3E7A0



F9FFE8



E7B3A0



7C8071



000000



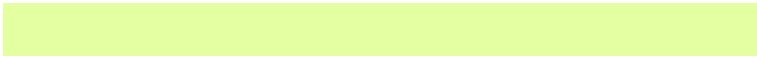
808080

Same Dimension

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



D3E7A0



E4FFA1



B1E7A0



707367



80B300



253300

Inverse Universe

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



B4A0E7



BBA1FF



D6A0E7



6B6773



3200B3



0E0033

Previews

White Background



This preview shows how the Hex color D3E7A0 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 D3E7A0 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

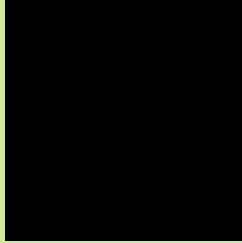
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

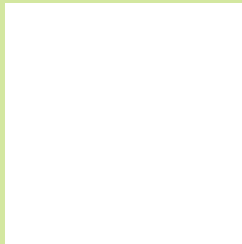
Any Text WCAG AAA ✓ Pass

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

Hex D3E7A0 Background



This preview shows how black text looks on a background with the Hex color D3E7A0.

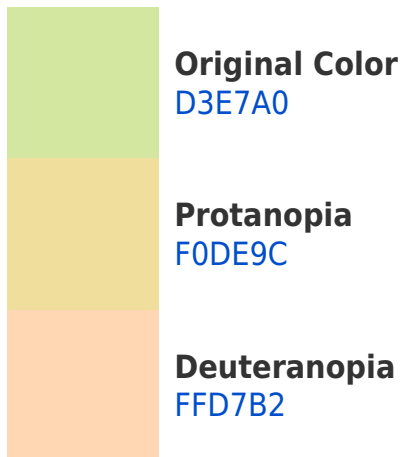


This preview shows how white text looks on a background with the Hex color D3E7A0.

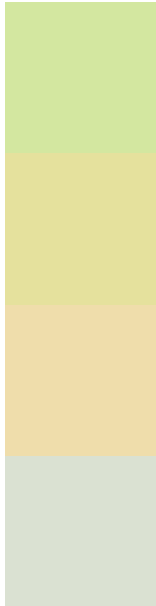
Color Blindness Simulation

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



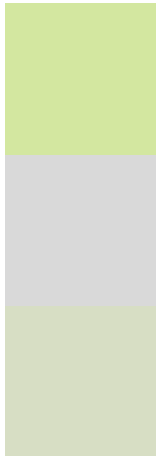
Original Color
D3E7A0

Protanomaly
E5E19D

Deuteranomaly
EFDDAB

Tritanomaly
DAE1D2

Monochromacy



Original Color
D3E7A0

Achromatopsia
D9D9D9

Achromatomaly
D7DEC4

CSS Examples

Text

The CSS property to change the color of the text to Hex D3E7A0 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 #D3E7A0 looks like.

```
.text, #text, p{  
    color:#D3E7A0  
}
```

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 #D3E7A0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D3E7A0
}
```

Border

The CSS property to change the border of an element to Hex D3E7A0 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
#D3E7A0 }
```

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

```
.border{ border-color:#D3E7A0 }
```

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

Here you see how a box with a 4 pixel #D3E7A0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D3E7A0; -webkit-box-shadow:4px 4px  
4px 4px #D3E7A0; box-shadow:4px 4px 4px  
4px #D3E7A0 }
```

Background

The CSS property to change the background color of an element to Hex D3E7A0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D3E7A0 }
```

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

```
.background{ background-color:#D3E7A0 }
```

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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