

# Converting Colors

Hex(D0E6AA)

Have a look what the booklet for  
Hex(D0E6AA) contains.

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**Color**

**Hex(D0E6AA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D0E6AA
RGB	208, 230, 170
RGB Percent	82%, 90%, 67%
CMY	0.1843, 0.0980, 0.3333
CMYK	0.10, 0.00, 0.26, 0.10
HSL	82°, 55%, 78%
HSV	82°, 26%, 90%
XYZ	61.5649, 72.9058, 48.8576
YIQ	216.5820, 6.1480, -23.3240

# Conversions

## Conversions Part 2

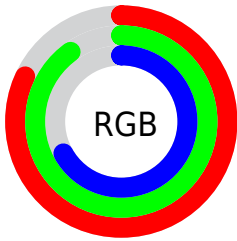
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">170, 230, 192</a>
Decimal	<a href="#">13690538</a>
CIELab	<a href="#">88.40, -17.40, 26.89</a>
CIELCh	<a href="#">88, 32.026, 122.903</a>
Yxy	<a href="#">72.9058, 0.3358, 0.3977</a>
Android (android.graphics.Color)	<a href="#">4291880618 (0xFFD0E6AA)</a>
YUV	<a href="#">216.5820, -22.9649, -7.5264</a>
Hunter-Lab	<a href="#">85.3849, -20.7200, 25.8434</a>

# Details

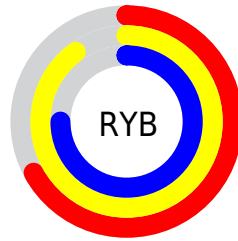
The Hex color **D0E6AA** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **C0AAE6**, and the grayscale version is **D9D9D9**.

A 20% lighter version of the original color is **FFFFE2**, and **99AE75** is the 20% darker color. If you saturate the color by 10%, you get **C8E693**, and if you desaturate by 10%, it is **D8E6C1**.

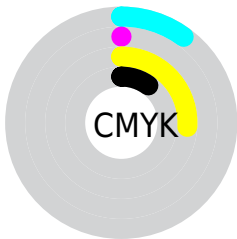
# Distribution



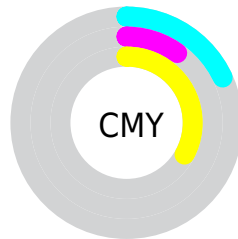
- Red (82%)
- Green (90%)
- Blue (67%)



- Red (67%)
- Yellow (90%)
- Blue (75%)



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



- Cyan (18%)
- Magenta (10%)
- Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D0E6AA 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 D0E6AA by changing the saturation by 10% instead.



 D0E6AA

 D0E6AA

FFFFFF

 B4CA8F

 FFFFE2

 99AE75

FFFFFFE

 7F945C

 657A44

 4C612D

 354917

 1F3300

 021E00

 000000

 D0E6AA

 D0E6AA

 C8E693

 D8E6C1

 BFE67C

 E1E6D8

 B7E665

 E9E6EF

 AEE64E

 F2E6FF

 A6E637

 FAE6FF

 9DE620

 FFE6FF

 95E609

 92E600

# Harmonies

## Analogous

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



F1DDA1



D0E6AA



ADECC1

# Triad

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



D0E6AA



94E8FF



FFC8DC

# Complementary

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



D0E6AA



C0AAE6

# Split Complementary

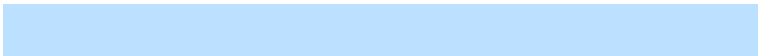
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFCCFA



D0E6AA



BCE0FF

# Square

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



D0E6AA



82EEFE



E6D5FF



FFCABE

# Rectangle

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



D0E6AA



97EFD5



E6D5FF



FFC8E6



# Sweetspot

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



D0E6AA



F8FFEB



E6C0AA



7B8073



000000



808080

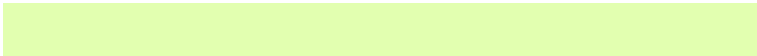


# Same Dimension

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



D0E6AA



E2FFB0



B2E6AA



6F7367



71B300



203300



# Inverse Universe

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



C0AAE6



CDB0FF



DEAAE6



6B6773



4100B3

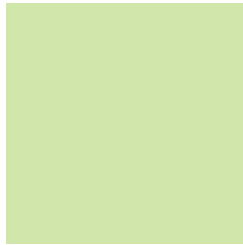


130033



# Previews

## White Background



This preview shows how the Hex color D0E6AA 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 D0E6AA 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

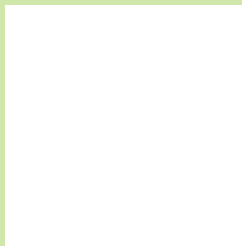
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex D0E6AA Background



This preview shows how black text looks on a background with the Hex color D0E6AA.

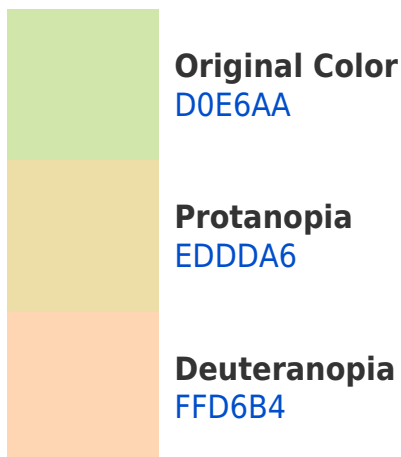


This preview shows how white text looks on a background with the Hex color D0E6AA.

# Color Blindness Simulation

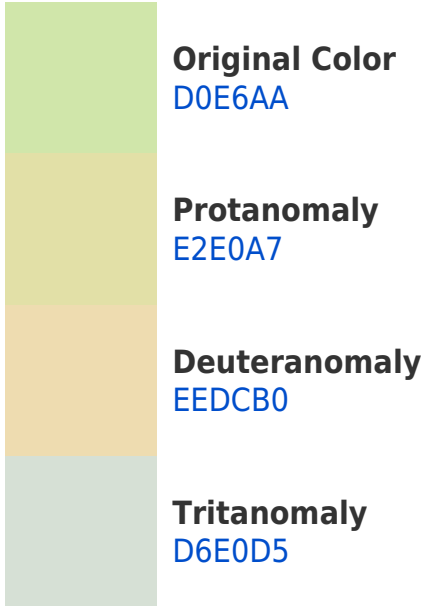
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D0E6AA 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 #D0E6AA looks like.

```
.text, #text, p{  
    color:#D0E6AA  
}
```

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 #D0E6AA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D0E6AA
}
```

## Border

The CSS property to change the border of an element to Hex D0E6AA 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
#D0E6AA }
```

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

```
.border{ border-color:#D0E6AA }
```

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

Here you see how a box with a 4 pixel #D0E6AA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D0E6AA; -webkit-box-shadow:4px 4px  
4px 4px #D0E6AA; box-shadow:4px 4px 4px  
4px #D0E6AA }
```

# Background

The CSS property to change the background color of an element to Hex D0E6AA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D0E6AA }
```

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

```
.background{ background-color:#D0E6AA }
```

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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