

# Converting Colors

Hex(D0E5A0)

Have a look what the booklet for  
Hex(D0E5A0) contains.

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# **Color**

**Hex(D0E5A0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D0E5A0
RGB	208, 229, 160
RGB Percent	82%, 90%, 63%
CMY	0.1843, 0.1020, 0.3725
CMYK	0.09, 0.00, 0.30, 0.10
HSL	78°, 57%, 76%
HSV	78°, 30%, 90%
XYZ	60.3769, 71.9866, 43.9703
YIQ	214.8550, 9.6330, -25.9110

# Conversions

## Conversions Part 2

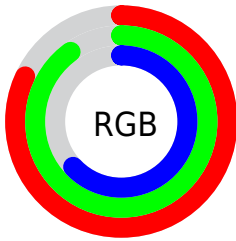
<b>Format</b>	<b>Color</b>
<b>RYB</b>	160, 229, 181
Decimal	13690272
CIELab	87.96, -18.30, 31.41
CIElCh	88, 36.356, 120.220
Yxy	71.9866, 0.3424, 0.4082
Android (android.graphics.Color)	4291880352 (0xFFD0E5A0)
YUV	214.8550, -27.0435, -6.0118
Hunter-Lab	84.8449, -21.4553, 28.6648

# Details

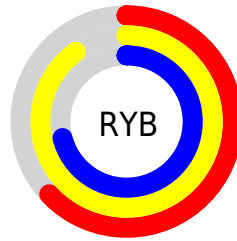
The Hex color **D0E5A0** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **B5A0E5**, and the grayscale version is **D7D7D7**.

A 20% lighter version of the original color is **FFFFD7**, and **99AE6C** is the 20% darker color. If you saturate the color by 10%, you get **C9E589**, and if you desaturate by 10%, it is **D7E5B7**.

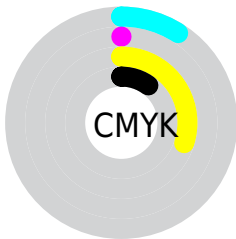
# Distribution



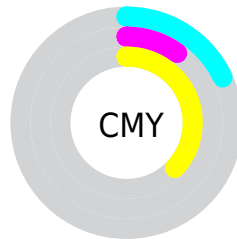
- Red (82%)
- Green (90%)
- Blue (63%)



- Red (63%)
- Yellow (90%)
- Blue (71%)



- Cyan (9%)
- Magenta (0%)
- Yellow (30%)
- Black (10%)



- Cyan (18%)
- Magenta (10%)
- Yellow (37%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D0E5A0 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 D0E5A0 by changing the saturation by 10% instead.



 D0E5A0

FFFFFF

 FFFFD7

 FFFFF4

 D0E5A0

 B4C985

 99AE6C

 7E9353

 65793B

 4C6024

 34480C

 1E3200

 001E00

 000000

 D0E5A0

 D0E5A0

 C9E589

 D7E5B7

 C2E572

 DEE5CE

 BBE55B

 E5E5E5

 B4E544

 ECE5FC

 ADE52D

 F3E5FF

 A6E517

 FAE5FF

 9FE500

 FFE5FF

# Harmonies

## Analogous

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



F5DA97



D0E5A0



A8ECB9

# Triad

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



D0E5A0



80E9FF



FFC3DE

# Complementary

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



D0E5A0



B5A0E5

# Split Complementary

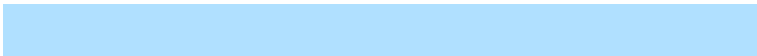
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFC8FF



DOE5A0



B0E0FF

# Square

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



D0E5A0



6DEFFE



E2D4FF



FFC5BB

# Rectangle

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



D0E5A0



8EEFD0



E2D4FF



FFC4E9



# Sweetspot

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



D0E5A0



F8FFE8



E5B5A0



7B8071



000000



808080

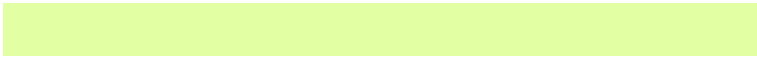


# Same Dimension

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



DOE5A0



E3FFA3



AEE5A0



6F7367



7CB300



233300



# Inverse Universe

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



B5A0E5



BFA3FF



D7A0E5



6B6773



3600B3

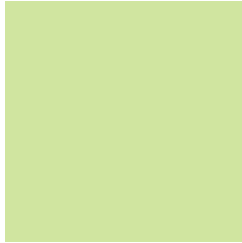


100033



# Previews

## White Background



This preview shows how the Hex color D0E5A0 looks on a white background.

## Color Contrast Check

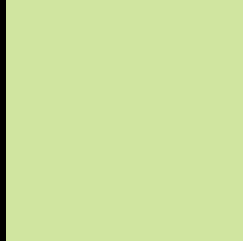
Large Text (above 18pt) WCAG AA × Fail

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 D0E5A0 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

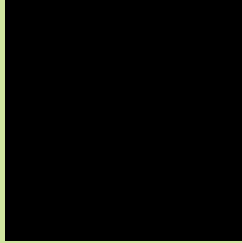
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

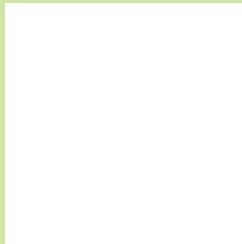
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex D0E5A0 Background



This preview shows how black text looks on a background with the Hex color D0E5A0.

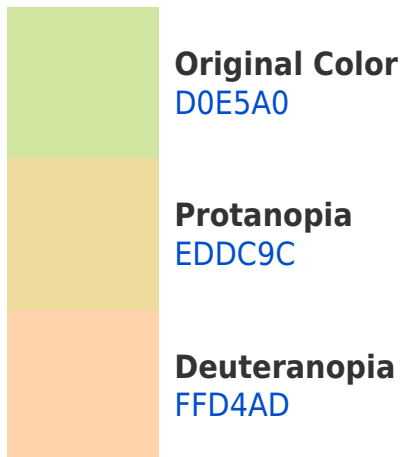


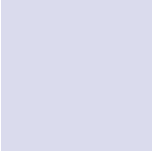
This preview shows how white text looks on a background with the Hex color D0E5A0.

# 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](#).

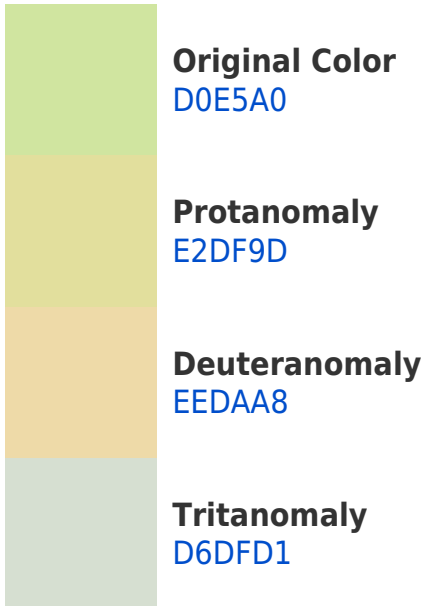
## Dichromacy



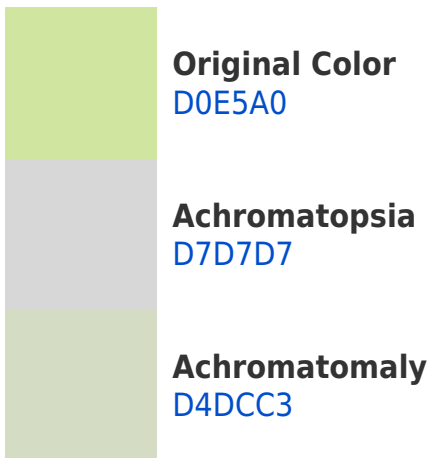


**Tritanopia**  
DADBED

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D0E5A0 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 #D0E5A0 looks like.

```
.text, #text, p{  
    color:#D0E5A0  
}
```

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 #D0E5A0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D0E5A0
}
```

## Border

The CSS property to change the border of an element to Hex D0E5A0 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
#D0E5A0 }
```

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

```
.border{ border-color:#D0E5A0 }
```

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

Here you see how a box with a 4 pixel #D0E5A0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D0E5A0; -webkit-box-shadow:4px 4px  
4px 4px #D0E5A0; box-shadow:4px 4px 4px  
4px #D0E5A0 }
```

# Background

The CSS property to change the background color of an element to Hex D0E5A0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D0E5A0 }
```

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

```
.background{ background-color:#D0E5A0 }
```

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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