

# Converting Colors

Hex(CDE0B3)

Have a look what the booklet for  
Hex(CDE0B3) contains.

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# **Color**

**Hex(CDE0B3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CDE0B3
RGB	205, 224, 179
RGB Percent	80%, 88%, 70%
CMY	0.1961, 0.1216, 0.2980
CMYK	0.08, 0.00, 0.20, 0.12
HSL	85°, 42%, 79%
HSV	85°, 20%, 88%
XYZ	59.9692, 69.5451, 52.9107
YIQ	213.1890, 3.1210, -18.0230

# Conversions

## Conversions Part 2

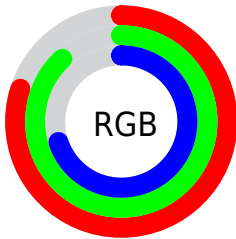
Format	Color
<a href="#">RYB</a>	<a href="#">179, 224, 198</a>
Decimal	<a href="#">13492403</a>
CIELab	<a href="#">86.77, -14.14, 19.96</a>
CIELCh	<a href="#">87, 24.461, 125.325</a>
Yxy	<a href="#">69.5451, 0.3287, 0.3812</a>
Android (android.graphics.Color)	<a href="#">4291682483 (0xFFCDE0B3)</a>
YUV	<a href="#">213.1890, -16.8552, -7.1818</a>
Hunter-Lab	<a href="#">83.3937, -17.5780, 20.7580</a>

# Details

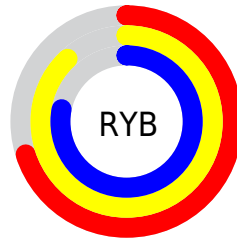
The Hex color **CDE0B3** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **C6B3E0**, and the grayscale version is **D5D5D5**.

A 20% lighter version of the original color is **FFFFEB**, and **96A97E** is the 20% darker color. If you saturate the color by 10%, you get **C4E09D**, and if you desaturate by 10%, it is **D6E0C9**.

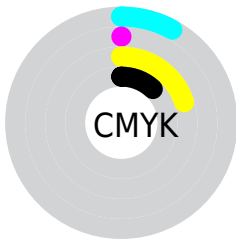
# Distribution



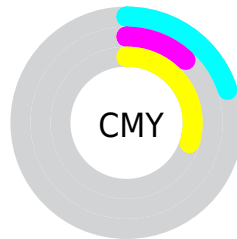
- Red (80%)
- Green (88%)
- Blue (70%)



- Red (70%)
- Yellow (88%)
- Blue (78%)



- Cyan (8%)
- Magenta (0%)
- Yellow (20%)
- Black (12%)



- Cyan (20%)
- Magenta (12%)
- Yellow (30%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CDE0B3 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 CDE0B3 by changing the saturation by 10% instead.



 CDE0B3

 CDE0B3

FFFFFF

 B1C498

 FFFFEB

 96A97E

 7C8E65

 63754D

 4B5C36

 344420

 1E2E0A

 011A00

 000000

 CDE0B3

 CDE0B3

 C4E09D

 D6E0C9

 BAE086

 E0E0E0

 B1E070

 E9E0F6

 A7E059

 F3E0FF

 9EE043

 FCE0FF

 94E02D

 FFE0FF

 8BE016

 81E000

# Harmonies

## Analogous

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



E7D9AB



CDE0B3



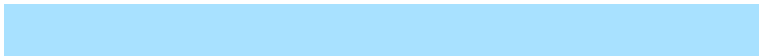
B3E5C5

# Triad

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



CDE0B3



A8E1FF



FFC9D6

# Complementary

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



CDE0B3



C6B3E0

# 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.



FBCBED



CDE0B3



C4DAFF

# Square

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



CDE0B3



9AE5F3



E3D2FF



FFCBBF

# Rectangle

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



CDE0B3



A4E6D5



E3D2FF



FFC9DE



# Sweetspot

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



CDE0B3



F9FFF0



E0C6B3



7C8077



000000



808080

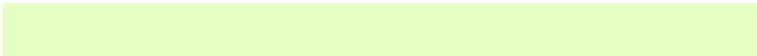


# Same Dimension

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



CDE0B3



E5FFC2



B7E0B3



6B7065



66B000



1C3000



# Inverse Universe

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



C6B3E0



DCC2FF



DCB3E0



6A6570



4A00B0

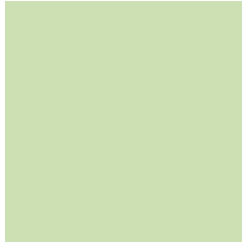


140030



# Previews

## White Background



This preview shows how the Hex color CDE0B3 looks on a white background.

## Color Contrast Check

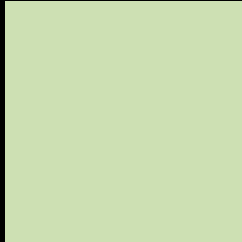
Large Text (above 18pt) WCAG AA × Fail

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 CDE0B3 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

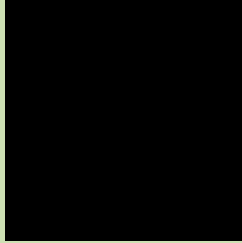
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

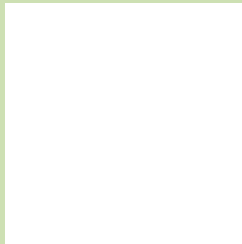
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex CDE0B3 Background



This preview shows how black text looks on a background with the Hex color CDE0B3.

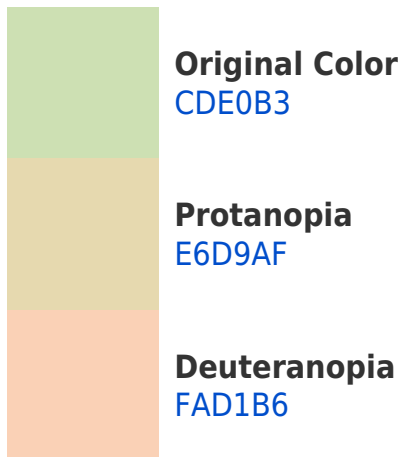


This preview shows how white text looks on a background with the Hex color CDE0B3.

# 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](#).

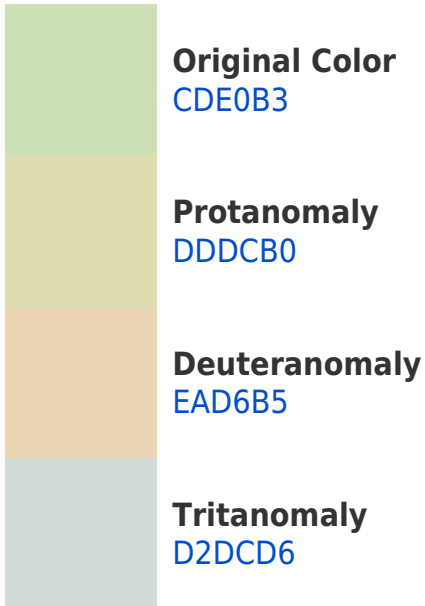
## Dichromacy



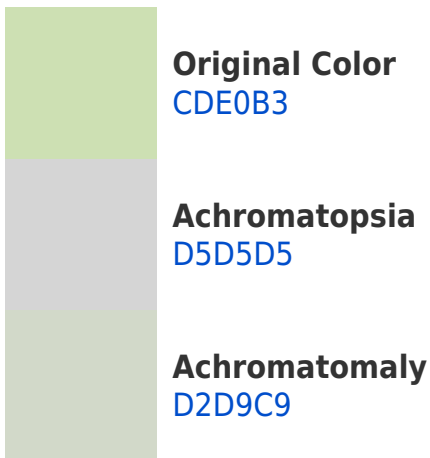


**Tritanopia**  
D5D9EA

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CDE0B3 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 #CDE0B3 looks like.

```
.text, #text, p{  
    color:#CDE0B3  
}
```

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 #CDE0B3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CDE0B3
}
```

## Border

The CSS property to change the border of an element to Hex CDE0B3 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
#CDE0B3 }
```

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

```
.border{ border-color:#CDE0B3 }
```

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

Here you see how a box with a 4 pixel `#CDE0B3` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CDE0B3; -webkit-box-shadow:4px 4px  
4px 4px #CDE0B3; box-shadow:4px 4px 4px  
4px #CDE0B3 }
```

# Background

The CSS property to change the background color of an element to Hex CDE0B3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CDE0B3 }
```

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

```
.background{ background-color:#CDE0B3 }
```

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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