

# Converting Colors

Hex(CDE8A5)

Have a look what the booklet for  
Hex(CDE8A5) contains.

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# **Color**

**Hex(CDE8A5)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CDE8A5
RGB	205, 232, 165
RGB Percent	80%, 91%, 65%
CMY	0.1961, 0.0902, 0.3529
CMYK	0.12, 0.00, 0.29, 0.09
HSL	84°, 59%, 78%
HSV	84°, 29%, 91%
XYZ	60.8250, 73.4090, 46.5608
YIQ	216.2890, 5.4150, -26.5610

# Conversions

## Conversions Part 2

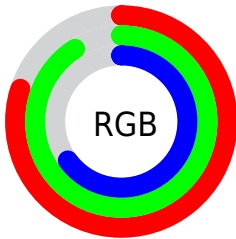
Format	Color
<a href="#">RYB</a>	<a href="#">165, 232, 192</a>
Decimal	<a href="#">13494437</a>
CIELab	<a href="#">88.64, -20.17, 29.74</a>
CIELCh	<a href="#">89, 35.934, 124.146</a>
Yxy	<a href="#">73.4090, 0.3364, 0.4060</a>
Android (android.graphics.Color)	<a href="#">4291684517 (0xFFCDE8A5)</a>
YUV	<a href="#">216.2890, -25.2855, -9.9005</a>
Hunter-Lab	<a href="#">85.6790, -23.2182, 27.7552</a>

# Details

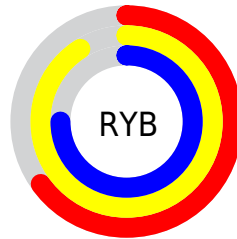
The Hex color **CDE8A5** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **C0A5E8**, and the grayscale version is **D9D9D9**.

A 20% lighter version of the original color is **FFFFDC**, and **96B071** is the 20% darker color. If you saturate the color by 10%, you get **C4E88E**, and if you desaturate by 10%, it is **D6E8BC**.

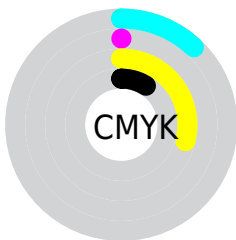
# Distribution



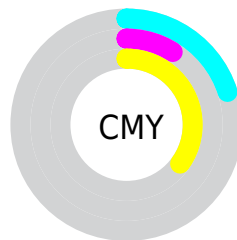
- Red (80%)
- Green (91%)
- Blue (65%)



- Red (65%)
- Yellow (91%)
- Blue (75%)



- Cyan (12%)
- Magenta (0%)
- Yellow (29%)
- Black (9%)



- Cyan (20%)
- Magenta (9%)
- Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CDE8A5 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 CDE8A5 by changing the saturation by 10% instead.



 CDE8A5

 CDE8A5

FFFFFF

 B1CC8A

 FFFFDC

 96B071

 FFFFF9

 7C9658

 627C40

 496328

 314B11

 1C3400

 001F00

 000000

 CDE8A5

 CDE8A5

 C4E88E

 D6E8BC

 BAE877

 E0E8D3

 B1E85F

 E9E8EB

 A8E848

 F2E8FF

 9EE831

 FCE8FF

 95E81A

 FFE8FF

 8CE803

 8BE800

# Harmonies

## Analogous

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



F2DE9A



CDE8A5



A5EFC0

# Triad

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



CDE8A5



89EAFF



FFC5DB

# Complementary

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



CDE8A5



C0A5E8

# Split Complementary

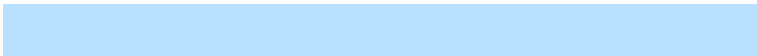
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFCAFD



CDE8A5



B9E0FF

# Square

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



CDE8A5



71F0FF



EAD4FF



FFC9BA

# Rectangle

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



CDE8A5



8CF1D6



EAD4FF



FFC6E7

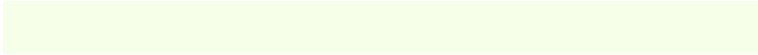


# Sweetspot

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



CDE8A5



F6FFE8



E8C0A5



7A8071



000000



808080

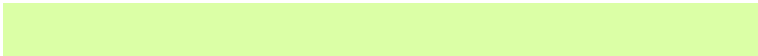


# Same Dimension

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



CDE8A5



DBFFA6



ACE8A5



6E7367



6BB300



1E3300



# Inverse Universe

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



C0A5E8



CAA6FF



E1A5E8



6C6773



4800B3

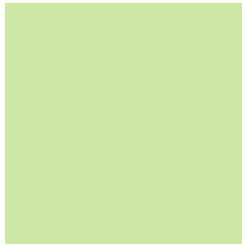


150033



# Previews

## White Background



This preview shows how the Hex color CDE8A5 looks on a white background.

## Color Contrast Check

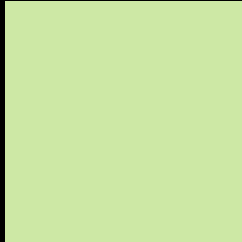
Large Text (above 18pt) WCAG AA × Fail

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 CDE8A5 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

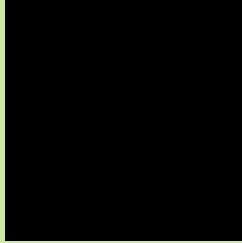
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

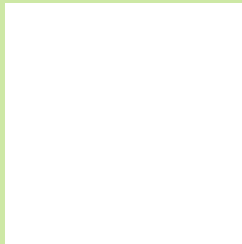
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex CDE8A5 Background



This preview shows how black text looks on a background with the Hex color CDE8A5.

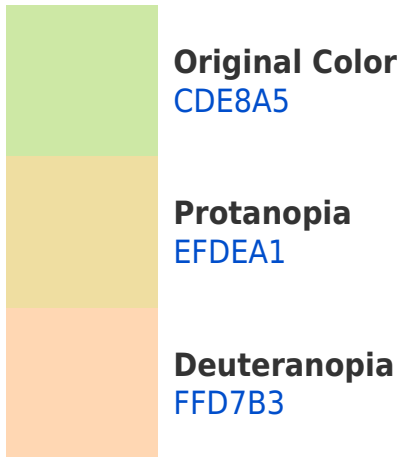


This preview shows how white text looks on a background with the Hex color CDE8A5.

# 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**  
D8DEF0

# Trichromacy



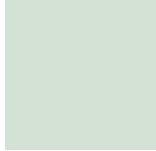
**Original Color**  
CDE8A5



**Protanomaly**  
E3E2A2

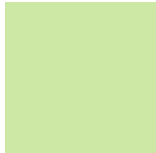


**Deuteranomaly**  
EDDDAE

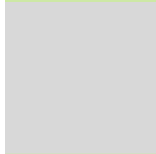


**Tritanomaly**  
D4E2D5

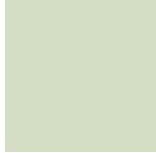
# Monochromacy



**Original Color**  
CDE8A5



**Achromatopsia**  
D8D8D8



**Achromatomaly**  
D4DEC5

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CDE8A5 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 #CDE8A5 looks like.

```
.text, #text, p{  
    color:#CDE8A5  
}
```

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 #CDE8A5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CDE8A5
}
```

## Border

The CSS property to change the border of an element to Hex CDE8A5 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
#CDE8A5 }
```

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

```
.border{ border-color:#CDE8A5 }
```

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

Here you see how a box with a 4 pixel #CDE8A5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CDE8A5; -webkit-box-shadow:4px 4px  
4px 4px #CDE8A5; box-shadow:4px 4px 4px  
4px #CDE8A5 }
```

# Background

The CSS property to change the background color of an element to Hex CDE8A5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CDE8A5 }
```

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

```
.background{ background-color:#CDE8A5 }
```

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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