

# Converting Colors

Hex(CDE87B)

Have a look what the booklet for  
Hex(CDE87B) contains.

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**Color**

**Hex(CDE87B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CDE87B
RGB	205, 232, 123
RGB Percent	80%, 91%, 48%
CMY	0.1961, 0.0902, 0.5176
CMYK	0.12, 0.00, 0.47, 0.09
HSL	75°, 70%, 70%
HSV	75°, 47%, 91%
XYZ	57.6086, 72.1224, 29.6236
YIQ	211.5010, 18.8970, -39.6230

# Conversions

## Conversions Part 2

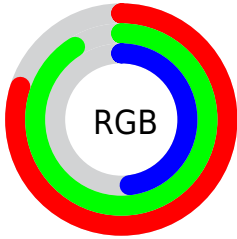
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	123, 232, 150
Decimal	13494395
CIE <sub>Lab</sub>	88.03, -25.25, 49.76
CIE <sub>LCh</sub>	88, 55.803, 116.906
Y <sub>xy</sub>	72.1224, 0.3615, 0.4526
Android (android.graphics.Color)	4291684475 (0xFFCDE87B)
YUV	211.5010, -43.6310, -5.7014
Hunter-Lab	84.9249, -27.5336, 38.7658

# Details

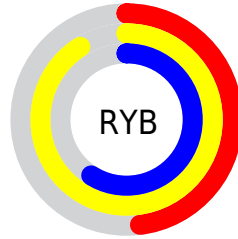
The Hex color **CDE87B** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **967BE8**, and the grayscale version is **D4D4D4**.

A 20% lighter version of the original color is **FFFFB1**, and **95B047** is the 20% darker color. If you saturate the color by 10%, you get **C7E864**, and if you desaturate by 10%, it is **D3E892**.

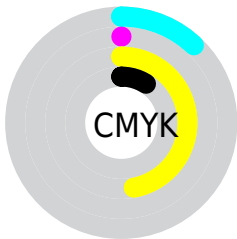
# Distribution



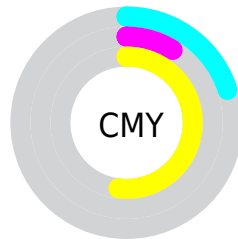
- Red (80%)
- Green (91%)
- Blue (48%)



- Red (48%)
- Yellow (91%)
- Blue (59%)



- Cyan (12%)
- Magenta (0%)
- Yellow (47%)
- Black (9%)



- Cyan (20%)
- Magenta (9%)
- Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CDE87B 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 CDE87B by changing the saturation by 10% instead.



 CDE87B

 CDE87B

FFFFFF

 B1CC61

 FFFFB1

 95B047

 FFFFCE

 7A962C

 FFFFEA

 5F7C0E

 456300

 2C4B00

 103400

 002000

 000000

 CDE87B

 CDE87B

 C7E864

 D3E892

 C2E84D

 D8E8A9

 BCE835

 DEE8C1

 B6E81E

 E4E8D8

 B0E807

 EAE8EF

 AFE800

 EFE8FF

 F5E8FF

 FBE8FF

 FFE8FF

# Harmonies

## Analogous

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



FFD871



CDE87B



8CF3A1

# Triad

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



CDE87B



00F1FF



FFB2E5

# Complementary

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



CDE87B



967BE8

# 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.



FFBDFE



CDE87B



78E4FF

# Square

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



CDE87B



00F8FF



D9D1FF



FFB5B0

# Rectangle

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



CDE87B



52F7C3



D9D1FF



FFB4F6

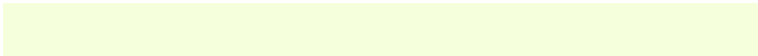


# Sweetspot

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



CDE87B



F6FFDB



E8947B



7A806A



000000



808080



# Same Dimension

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



CDE87B



DCFF70



98E87B



707367



86B300



263300



# Inverse Universe

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



967BE8



9470FF



CB7BE8



6A6773



2C00B3

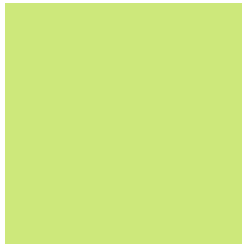


0D0033



# Previews

## White Background



This preview shows how the Hex color CDE87B looks on a white background.

## Color Contrast Check

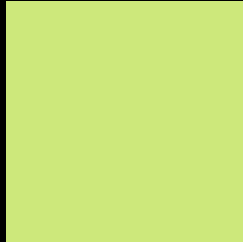
Large Text (above 18pt) WCAG AA × Fail

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 CDE87B 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 CDE87B Background



This preview shows how black text looks on a background with the Hex color CDE87B.

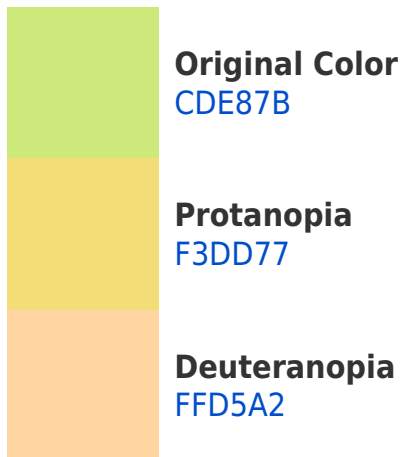


This preview shows how white text looks on a background with the Hex color CDE87B.

# Color Blindness Simulation

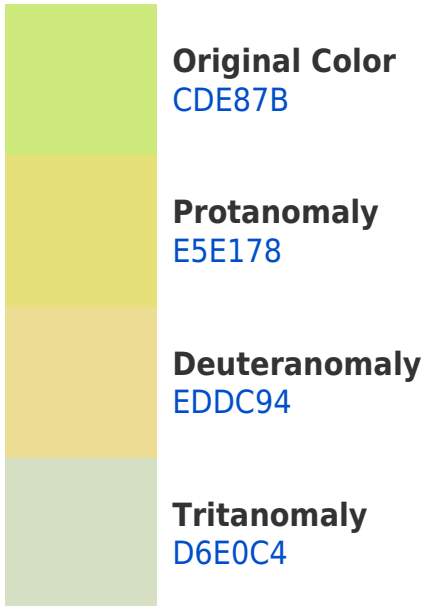
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

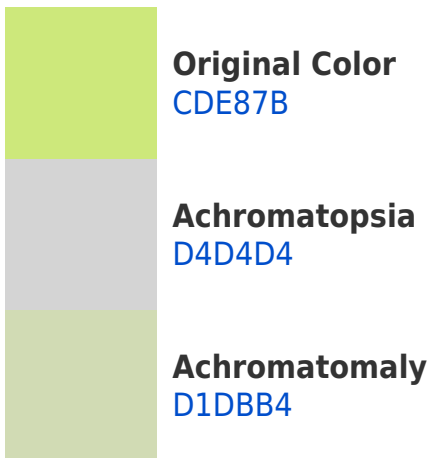




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CDE87B 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 #CDE87B looks like.

```
.text, #text, p{  
    color:#CDE87B  
}
```

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 #CDE87B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CDE87B
}
```

## Border

The CSS property to change the border of an element to Hex CDE87B 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
#CDE87B }
```

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

```
.border{ border-color:#CDE87B }
```

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

Here you see how a box with a 4 pixel #CDE87B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CDE87B; -webkit-box-shadow:4px 4px  
4px 4px #CDE87B; box-shadow:4px 4px 4px  
4px #CDE87B }
```

# Background

The CSS property to change the background color of an element to Hex CDE87B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CDE87B }
```

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

```
.background{ background-color:#CDE87B }
```

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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