

Converting Colors

Hex(CDE4B7)

Have a look what the booklet for
Hex(CDE4B7) contains.

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Color

Hex(CDE4B7)

Conversions

Conversions Part 1

Format	Color
Hex	CDE4B7
RGB	205, 228, 183
RGB Percent	80%, 89%, 72%
CMY	0.1961, 0.1059, 0.2824
CMYK	0.10, 0.00, 0.20, 0.11
HSL	91°, 45%, 81%
HSV	91°, 20%, 89%
XYZ	61.4675, 71.8848, 55.4352
YIQ	215.9930, 0.7370, -18.8710

Conversions

Conversions Part 2

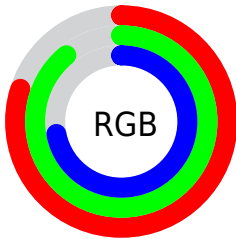
Format	Color
RYB	183, 228, 206
Decimal	13493431
CIELab	87.91, -15.51, 19.46
CIELCh	88, 24.888, 128.563
Yxy	71.8848, 0.3256, 0.3808
Android (android.graphics.Color)	4291683511 (0xFFCDE4B7)
YUV	215.9930, -16.2655, -9.6409
Hunter-Lab	84.7849, -18.9645, 20.5837

Details

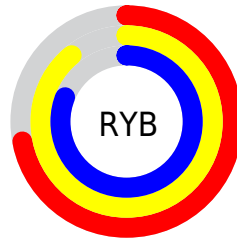
The Hex color **CDE4B7** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **CEB7E4**, and the grayscale version is **D8D8D8**.

A 20% lighter version of the original color is **FFFFFF**, and **96AD82** is the 20% darker color. If you saturate the color by 10%, you get **C1E4A0**, and if you desaturate by 10%, it is **D9E4CE**.

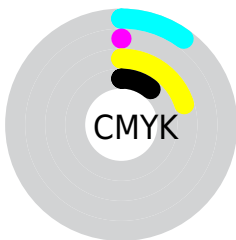
Distribution



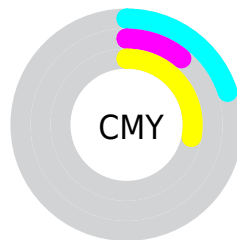
- Red (80%)
- Green (89%)
- Blue (72%)



- Red (72%)
- Yellow (89%)
- Blue (81%)



- Cyan (10%)
- Magenta (0%)
- Yellow (20%)
- Black (11%)



- Cyan (20%)
- Magenta (11%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Hex color CDE4B7 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 CDE4B7 by changing the saturation by 10% instead.

 CDE4B7

 CDE4B7

FFFFFF

 B1C89C

 FFFFEF

 96AD82

 7C9269

 637850

 4B5F39

 344823

 1D310E

 041D00

 000000

 CDE4B7

 CDE4B7

 C1E4A0

 D9E4CE

 B6E489

 E4E4E5

 AAE473

 F0E4FB

 9EE45C

 FCE4FF

 93E445

 FFE4FF

 87E42E

 7BE417

 70E401

 6FE400

Harmonies

Analogous

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



E8DDAE



CDE4B7



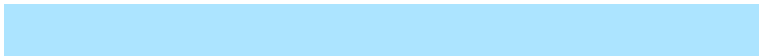
B3E9CA

Triad

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



CDE4B7



ACE4FF



FFCCD6

Complementary

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



CDE4B7



CEB7E4

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.



FFCEEE



CDE4B7



CADCFF

Square

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



CDE4B7



9CE8F9



E9D4FF



FFCFC0

Rectangle

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



CDE4B7



A5EADA



E9D4FF



FFCCDE

Sweetspot

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



CDE4B7



F7FFF0



E4CEB7



7B8077



000000



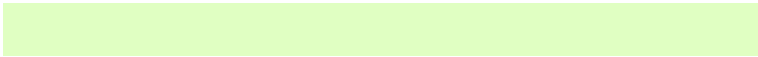
808080

Same Dimension

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



CDE4B7



E0FFC2



B7E4B7



6D7367



57B300



193300

Inverse Universe

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



CEB7E4



E1C2FF



E4B7E4



6D6773



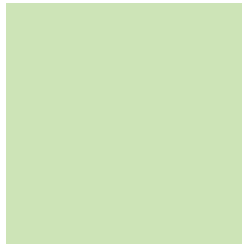
5B00B3



1A0033

Previews

White Background



This preview shows how the Hex color CDE4B7 looks on a white background.

Color Contrast Check

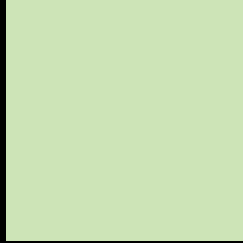
Large Text (above 18pt) WCAG AA × Fail

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 CDE4B7 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

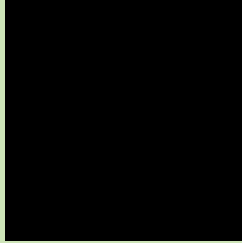
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

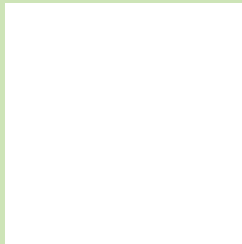
Any Text WCAG AAA ✓ Pass

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

Hex CDE4B7 Background



This preview shows how black text looks on a background with the Hex color CDE4B7.

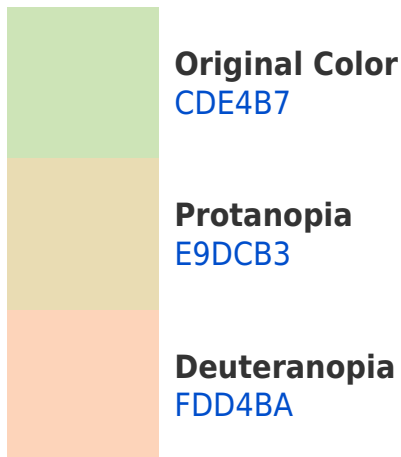


This preview shows how white text looks on a background with the Hex color CDE4B7.

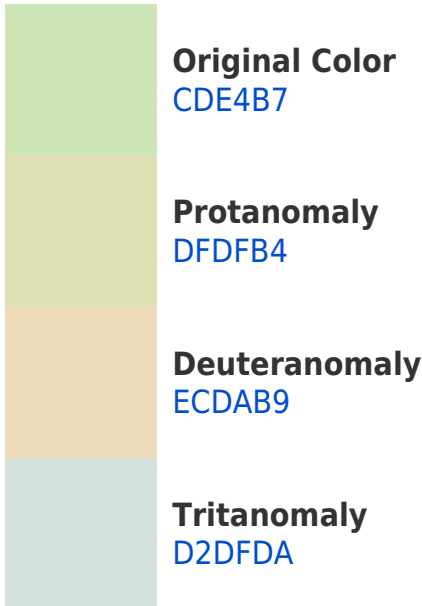
Color Blindness Simulation

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](#).

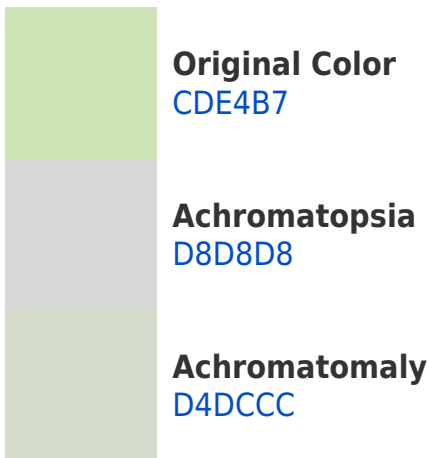
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CDE4B7 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 #CDE4B7 looks like.

```
.text, #text, p{  
    color:#CDE4B7  
}
```

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 #CDE4B7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CDE4B7
}
```

Border

The CSS property to change the border of an element to Hex CDE4B7 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
#CDE4B7 }
```

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

```
.border{ border-color:#CDE4B7 }
```

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

Here you see how a box with a 4 pixel `#CDE4B7` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CDE4B7; -webkit-box-shadow:4px 4px  
4px 4px #CDE4B7; box-shadow:4px 4px 4px  
4px #CDE4B7 }
```

Background

The CSS property to change the background color of an element to Hex CDE4B7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CDE4B7 }
```

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

```
.background{ background-color:#CDE4B7 }
```

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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