

Converting Colors

Hex(CDE3B8)

Have a look what the booklet for
Hex(CDE3B8) contains.

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Color

Hex(CDE3B8)

Conversions

Conversions Part 1

Format	Color
Hex	CDE3B8
RGB	205, 227, 184
RGB Percent	80%, 89%, 72%
CMY	0.1961, 0.1098, 0.2784
CMYK	0.10, 0.00, 0.19, 0.11
HSL	91°, 43%, 81%
HSV	91°, 19%, 89%
XYZ	61.2977, 71.3780, 55.8940
YIQ	215.5200, 0.6910, -18.0370

Conversions

Conversions Part 2

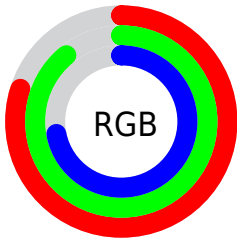
Format	Color
RYB	184, 227, 206
Decimal	13493176
CIELab	87.67, -14.86, 18.60
CIELCh	88, 23.805, 128.620
Yxy	71.3780, 0.3251, 0.3785
Android (android.graphics.Color)	4291683256 (0xFFCDE3B8)
YUV	215.5200, -15.5394, -9.2260
Hunter-Lab	84.4855, -18.3406, 19.9147

Details

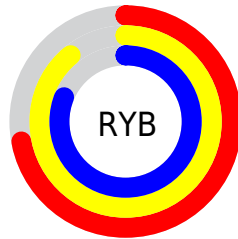
The Hex color **CDE3B8** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **CEB8E3**, and the grayscale version is **D8D8D8**.

A 20% lighter version of the original color is **FFFFF0**, and **97AC83** is the 20% darker color. If you saturate the color by 10%, you get **C1E3A1**, and if you desaturate by 10%, it is **D9E3CF**.

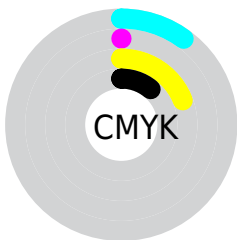
Distribution



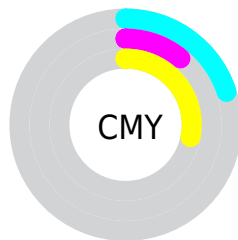
- Red (80%)
- Green (89%)
- Blue (72%)



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



- Cyan (10%)
- Magenta (0%)
- Yellow (19%)
- Black (11%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color CDE3B8 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 CDE3B8 by changing the saturation by 10% instead.

 CDE3B8

 CDE3B8

FFFFFFF

 B1C79D

 FFFFFF0

 97AC83

 7C916A

 637751

 4B5F3A

 344724

 1E300F

 041C00

 000000

 CDE3B8

 CDE3B8

 C1E3A1

 D9E3CF

 B6E38B

 E4E3E5

 AAE374

 F0E3FC

 9FE35D

 FBE3FF

 93E346

 FFE3FF

 87E330

 7CE319

 70E302

 6FE300

Harmonies

Analogous

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



E7DCAF



CDE3B8



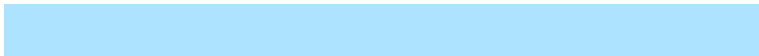
B4E7CB

Triad

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



CDE3B8



AEE3FF



FFCCD6

Complementary

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



CDE3B8



CEB8E3

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.



FFCEED



CDE3B8



CADCFF

Square

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



CDE3B8



9FE7F7



E8D4FF



FFCFC1

Rectangle

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



CDE3B8



A7E9DA



E8D4FF



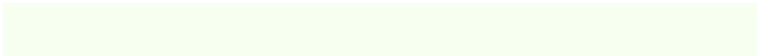
FFCCDE

Sweetspot

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



CDE3B8



F7FFF0



E3CEB8



7B8077



000000



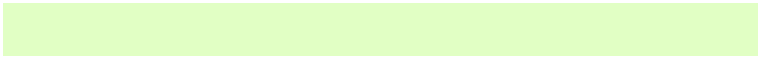
808080

Same Dimension

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



CDE3B8



E1FFC4



B8E3B8



6D7367



57B300



193300

Inverse Universe

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



CEB8E3



E2C4FF



E3B8E3



6D6773



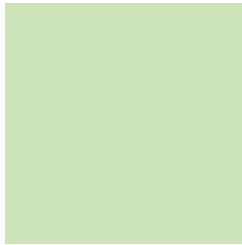
5B00B3



1A0033

Previews

White Background



This preview shows how the Hex color CDE3B8 looks on a white background.

Color Contrast Check

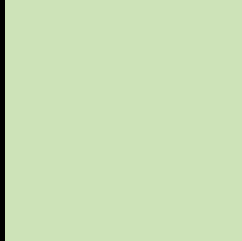
Large Text (above 18pt) WCAG AA × Fail

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 CDE3B8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

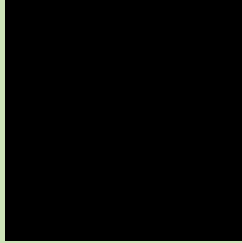
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

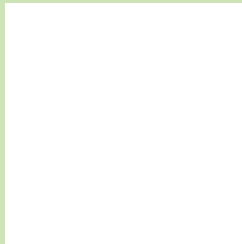
Any Text WCAG AAA ✓ Pass

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

Hex CDE3B8 Background



This preview shows how black text looks on a background with the Hex color CDE3B8.

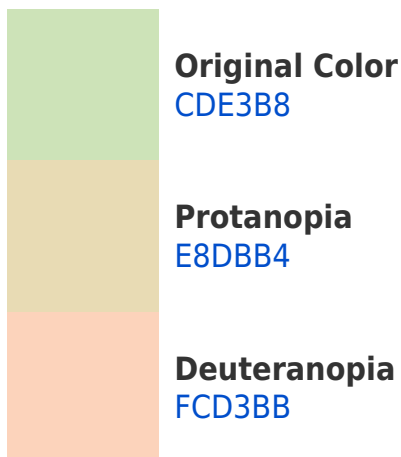


This preview shows how white text looks on a background with the Hex color CDE3B8.

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](#).

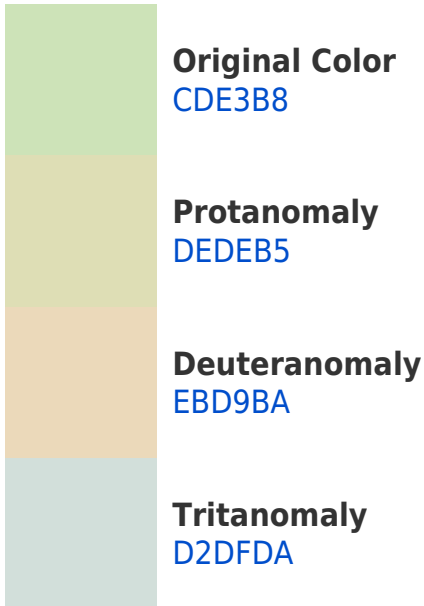
Dichromacy



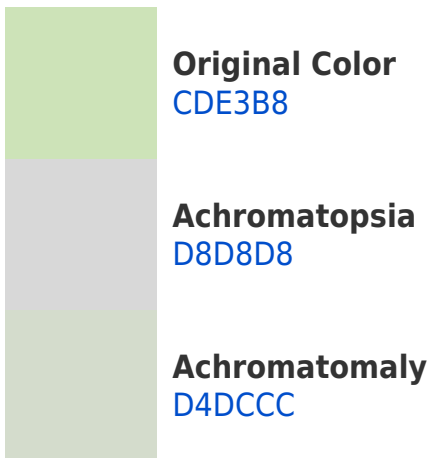


Tritanopia
D5DCED

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CDE3B8 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 #CDE3B8 looks like.

```
.text, #text, p{  
    color:#CDE3B8  
}
```

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 #CDE3B8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CDE3B8  
}
```

Border

The CSS property to change the border of an element to Hex CDE3B8 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  
#CDE3B8 }
```

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

```
.border{ border-color:#CDE3B8 }
```

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

Here you see how a box with a 4 pixel #CDE3B8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CDE3B8; -webkit-box-shadow:4px 4px  
4px 4px #CDE3B8; box-shadow:4px 4px 4px  
4px #CDE3B8 }
```

Background

The CSS property to change the background color of an element to Hex CDE3B8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CDE3B8 }
```

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

```
.background{ background-color:#CDE3B8 }
```

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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