

Converting Colors

Hex(CDEB8D)

Have a look what the booklet for
Hex(CDEB8D) contains.

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Color

Hex(CDEB8D)

Conversions

Conversions Part 1

Format	Color
Hex	CDEB8D
RGB	205, 235, 141
RGB Percent	80%, 92%, 55%
CMY	0.1961, 0.0784, 0.4471
CMYK	0.13, 0.00, 0.40, 0.08
HSL	79°, 70%, 74%
HSV	79°, 40%, 92%
XYZ	59.6929, 74.3189, 36.3981
YIQ	215.3140, 12.2940, -35.5940

Conversions

Conversions Part 2

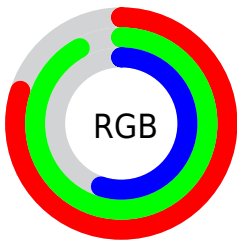
Format	Color
RYB	141, 235, 171
Decimal	13495181
CIELab	89.07, -24.72, 42.36
CIElCh	89, 49.040, 120.265
Yxy	74.3189, 0.3503, 0.4361
Android (android.graphics.Color)	4291685261 (0xFFCDEB8D)
YUV	215.3140, -36.6368, -9.0454
Hunter-Lab	86.2084, -27.2668, 35.3130

Details

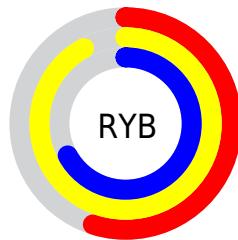
The Hex color **CDEB8D** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **AB8DEB**, and the grayscale version is **D8D8D8**.

A 20% lighter version of the original color is **FFFFC4**, and **95B359** is the 20% darker color. If you saturate the color by 10%, you get **C6EB76**, and if you desaturate by 10%, it is **D4EBA5**.

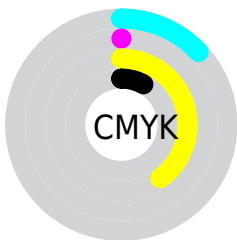
Distribution



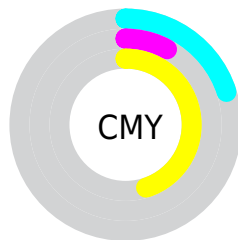
- Red (80%)
- Green (92%)
- Blue (55%)



- Red (55%)
- Yellow (92%)
- Blue (67%)



- Cyan (13%)
- Magenta (0%)
- Yellow (40%)
- Black (8%)



- Cyan (20%)
- Magenta (8%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color CDEB8D 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 CDEB8D by changing the saturation by 10% instead.

 CDEB8D

 CDEB8D

FFFFFF

 B1CF73

 FFFFC4

 95B359

 FFFFEO

 7B9840

FFFFFFD

 607E27

 47650A

 2E4D00

 153600

 002100

 000000

 CDEB8D

 CDEB8D

 C6EB76

 D4EBA5

 BEEB5E

 DCEBBC

 B7EB47

 E3EBD4

 AFEB2F

 EBEBEB

 A8EB17

 F3EBFF

 A0EB00

 FAEBFF

 FFEBFF

Harmonies

Analogous

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



FEDD81



CDEB8D



94F4B0

Triad

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



CDEB8D



36F1FF



FFBBE1

Complementary

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



CDEB8D



AB8DEB

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.



FFC3FF



CDEB8D



9AE4FF

Square

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



CDEB8D



00F7FF



E5D3FF



FFFBF3

Rectangle

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



CDEB8D



68F8CE



E5D3FF



FFBCF1

Sweetspot

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



CDEB8D



F5FFE0



EBAB8D



7A806E



000000



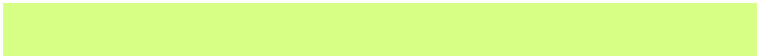
808080

Same Dimension

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



CDEB8D



D8FF85



9EEB8D



72756A



7BB500



243600

Inverse Universe

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



AB8DEB



AC85FF



DA8DEB



6D6A75



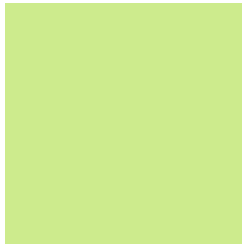
3A00B5



110036

Previews

White Background



This preview shows how the Hex color CDEB8D looks on a white background.

Color Contrast Check

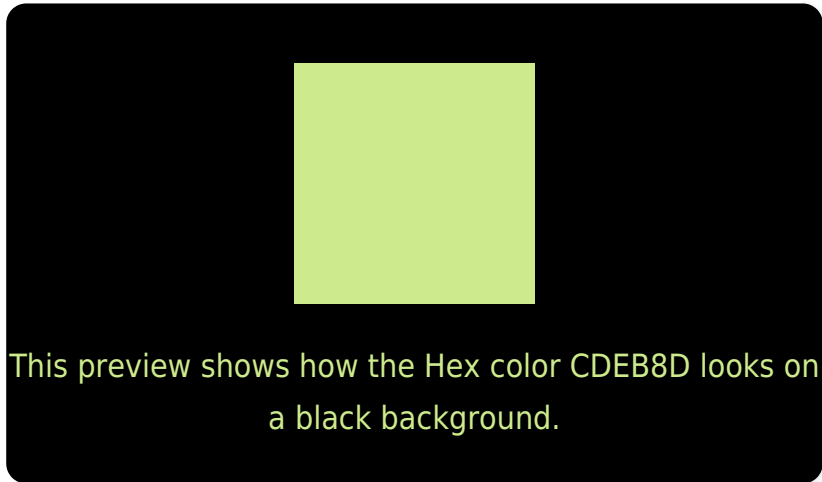
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

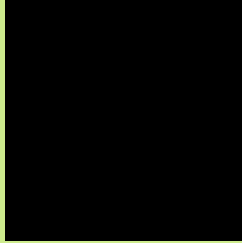
Any Text WCAG AA ✓ Pass

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 CDEB8D Background



This preview shows how black text looks on a background with the Hex color CDEB8D.

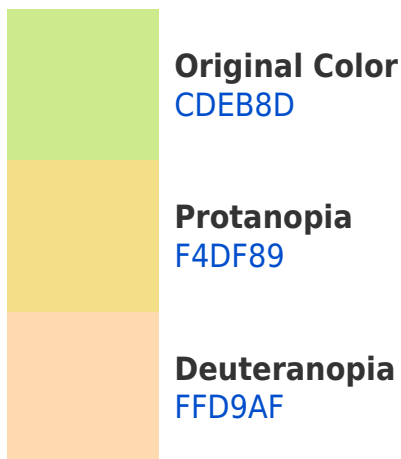


This preview shows how white text looks on a background with the Hex color CDEB8D.

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](#).

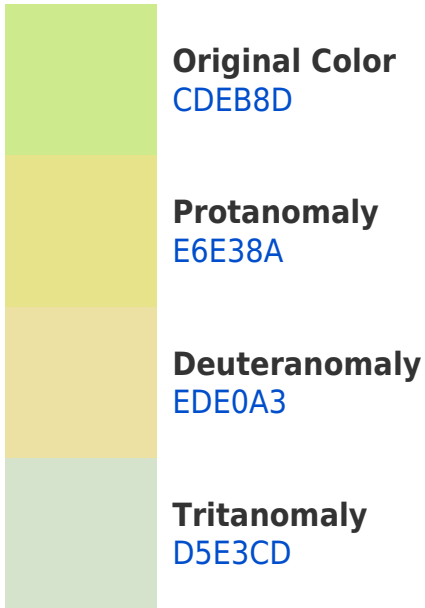
Dichromacy



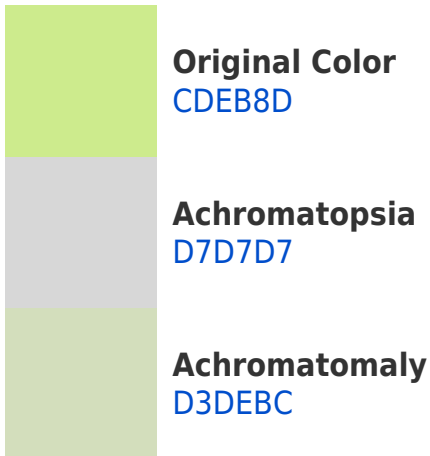


Tritanopia
DADFF1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CDEB8D 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 #CDEB8D looks like.

```
.text, #text, p{  
    color:#CDEB8D  
}
```

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 #CDEB8D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CDEB8D
}
```

Border

The CSS property to change the border of an element to Hex CDEB8D 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
#CDEB8D }
```

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

```
.border{ border-color:#CDEB8D }
```

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

Here you see how a box with a 4 pixel #CDEB8D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CDEB8D; -webkit-box-shadow:4px 4px  
4px 4px #CDEB8D; box-shadow:4px 4px 4px  
4px #CDEB8D }
```

Background

The CSS property to change the background color of an element to Hex CDEB8D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CDEB8D }
```

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

```
.background{ background-color:#CDEB8D }
```

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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