

Converting Colors

Hex(CBEDAB)

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

Hex(CBEDAB)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(CBEDAB)

Conversions

Conversions Part 1

Format	Color
Hex	CBEDAB
RGB	203, 237, 171
RGB Percent	80%, 93%, 67%
CMY	0.2039, 0.0706, 0.3294
CMYK	0.14, 0.00, 0.28, 0.07
HSL	91°, 65%, 80%
HSV	91°, 28%, 93%
XYZ	62.2635, 76.2052, 49.9555
YIQ	219.3100, 0.9220, -27.7340

Conversions

Conversions Part 2

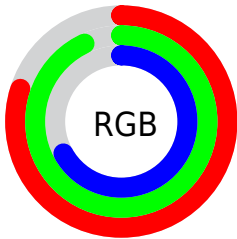
Format	Color
RYB	171, 237, 205
Decimal	13364651
CIELab	89.95, -22.46, 28.43
CIELCh	90, 36.225, 128.307
Yxy	76.2052, 0.3304, 0.4044
Android (android.graphics.Color)	4291554731 (0xFFFCBEDAB)
YUV	219.3100, -23.8168, -14.3039
Hunter-Lab	87.2956, -25.4523, 27.1778

Details

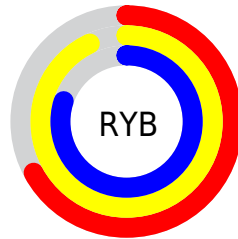
The Hex color **CBEDAB** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **CDABED**, and the grayscale version is **DCDCDC**.

A 20% lighter version of the original color is **FFFFE3**, and **94B576** is the 20% darker color. If you saturate the color by 10%, you get **BFED93**, and if you desaturate by 10%, it is **D7EDC3**.

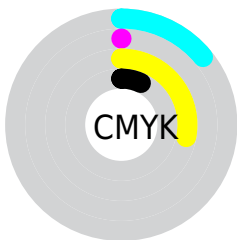
Distribution



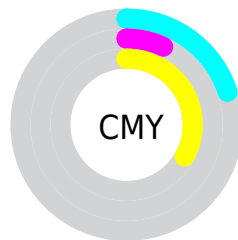
- Red (80%)
- Green (93%)
- Blue (67%)



- Red (67%)
- Yellow (93%)
- Blue (80%)



- Cyan (14%)
- Magenta (0%)
- Yellow (28%)
- Black (7%)



- Cyan (20%)
- Magenta (7%)
- Yellow (33%)

Brightness & Saturation Gradients

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

 CBEDAB

FFFFFF

 FFFFE3

 CBEDAB

 AFD190

 94B576

 7A9A5D

 608045

 48672E

 304F17

 193800

 002200

 000000

 CBEDAB

 CBEDAB

 BFED93

 D7EDC3

 B3ED7C

 E3EDDA

 A6ED64

 F0EDF2

 9AED4C

 FCEDFF

 8EED34

 FFEDFF

 82ED1D

 76ED05

 73ED00

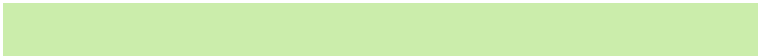
Harmonies

Analogous

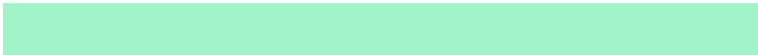
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



F1E39D



CBEDAB



A3F3C8

Triad

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



CBEDAB



92EDFF



FFC8DA

Complementary

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



CBEDAB



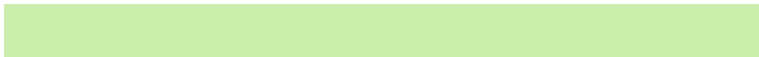
CDABED

Split Complementary

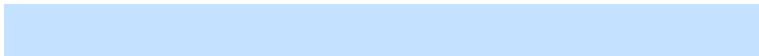
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFCCFD



CBEDAB



C4E2FF

Square

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



CBEDAB



75F3FF



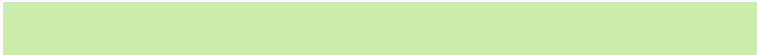
F4D6FF



FFCDB9

Rectangle

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



CBEDAB



8AF5DF



F4D6FF



FFC9E6

Sweetspot

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



CBEDAB



F4FFEB



EDCCAB



798073



000000



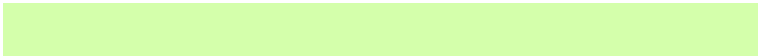
808080

Same Dimension

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



CBEDAB



D4FFAB



ABEDAB



6F756A



58B500



1A3600

Inverse Universe

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



CDABED



D6ABFF



EDABED



706A75



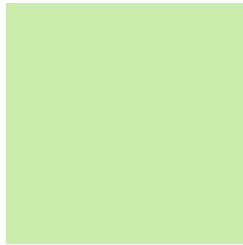
5D00B5



1C0036

Previews

White Background



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

Color Contrast Check

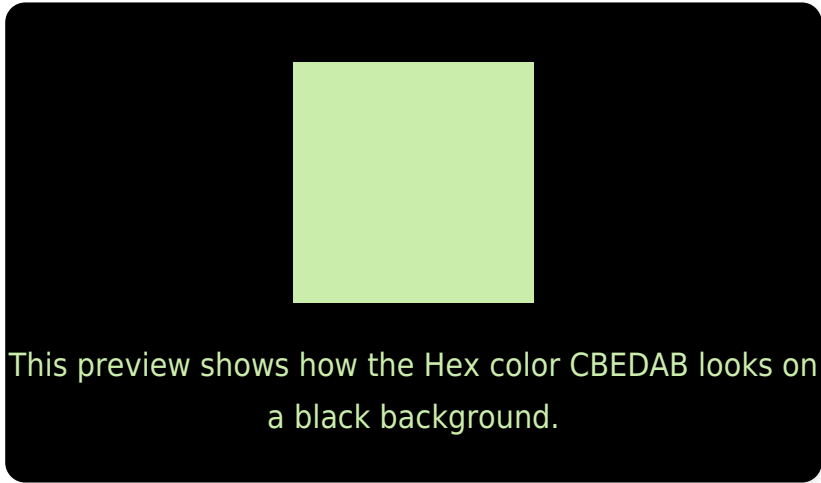
Large Text (above 18pt) WCAG AA × Fail

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

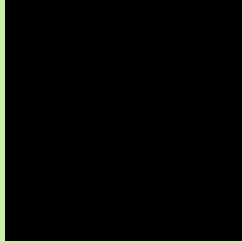
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

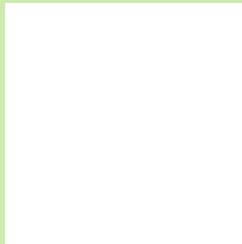
Any Text WCAG AAA ✓ Pass

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

Hex CBEDAB Background



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

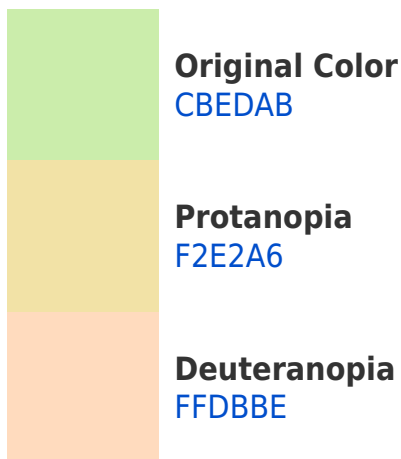


This preview shows how white text looks on a background with the Hex color CBEDAB.

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



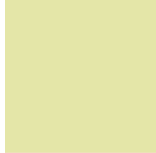


Tritanopia
D6E3F5

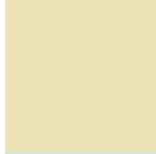
Trichromacy



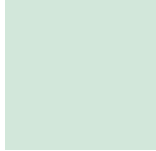
Original Color
CBEDAB



Protanomaly
E4E6A8

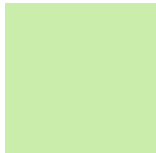


Deuteranomaly
ECE2B7

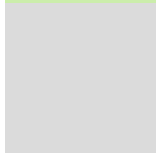


Tritanomaly
D2E7DA

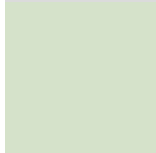
Monochromacy



Original Color
CBEDAB



Achromatopsia
DBDBDB



Achromatomaly
D5E2CA

CSS Examples

Text

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

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

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 #CBEDAB colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor