

Converting Colors

Hex(C6DEB0)

Have a look what the booklet for
Hex(C6DEB0) contains.

Hex(C6DEB0)	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(C6DEB0)

Conversions

Conversions Part 1

Format	Color
Hex	C6DEB0
RGB	198, 222, 176
RGB Percent	78%, 87%, 69%
CMY	0.2235, 0.1294, 0.3098
CMYK	0.11, 0.00, 0.21, 0.13
HSL	91°, 41%, 78%
HSV	91°, 21%, 87%
XYZ	57.2465, 67.3829, 51.0633
YIQ	209.5800, 0.4620, -19.3940

Conversions

Conversions Part 2

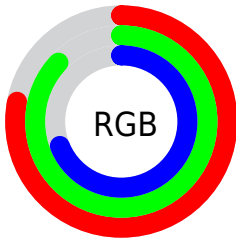
Format	Color
RYB	176, 222, 200
Decimal	13033136
CIELab	85.70, -16.10, 19.95
CIELCh	86, 25.636, 128.891
Yxy	67.3829, 0.3258, 0.3835
Android (android.graphics.Color)	4291223216 (0xFFC6DEB0)
YUV	209.5800, -16.5549, -10.1557
Hunter-Lab	82.0871, -19.1689, 20.5789

Details

The Hex color **C6DEB0** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **C8B0DE**, and the grayscale version is **D2D2D2**.

A 20% lighter version of the original color is **FFFFE8**, and **90A77B** is the 20% darker color. If you saturate the color by 10%, you get **BADE9A**, and if you desaturate by 10%, it is **D2DEC6**.

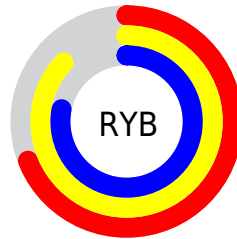
Distribution



Red (78%)

Green (87%)

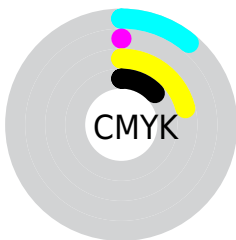
Blue (69%)



Red (69%)

Yellow (87%)

Blue (78%)

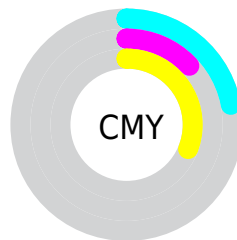


Cyan (11%)

Magenta (0%)

Yellow (21%)

Black (13%)



Cyan (22%)

Magenta (13%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color C6DEB0 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 C6DEB0 by changing the saturation by 10% instead.

 C6DEB0

FFFFFF

 FFFFE8

 C6DEB0

 ABC295

 90A77B

 768C62

 5D734A

 455A33

 2E431D

 182C06

 001900

 000000

 C6DEB0

 C6DEB0

 BADE9A

 D2DEC6

 AFDE84

 DDDEDC

 A3DE6D

 E9DEF3

 98DE57

 F4DEFF

 8CDE41

 FFDEFF

 81DE2B

 75DE15

 6ADE00

Harmonies

Analogous

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



E1D7A6



C6DEB0



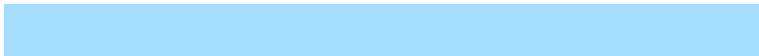
ABE3C4

Triad

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



C6DEB0



A5DDFF



FFC5D0

Complementary

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



C6DEB0



C8B0DE

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.



FCC7E8



C6DEB0



C3D6FF

Square

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



C6DEB0



93E2F4



E3CEFC



FFC8B9

Rectangle

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



C6DEB0



9CE4D4



E3CEFC



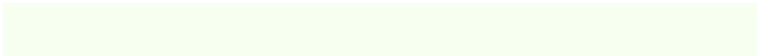
FFC5D8

Sweetspot

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



C6DEB0



F7FFF0



DEC8B0



7B8077



000000



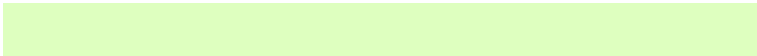
808080

Same Dimension

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



C6DEB0



DEFFBF



B0DEB1



6A7065



54B000



173000

Inverse Universe

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



C8B0DE



E1BFFF



DEB0DD



6B6570



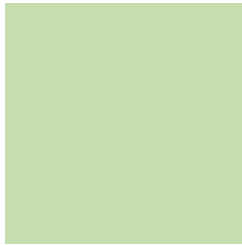
5C00B0



190030

Previews

White Background



This preview shows how the Hex color C6DEB0 looks on a white background.

Color Contrast Check

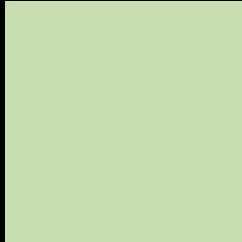
Large Text (above 18pt) WCAG AA × Fail

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 C6DEB0 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 C6DEB0 Background



This preview shows how black text looks on a background with the Hex color C6DEB0.

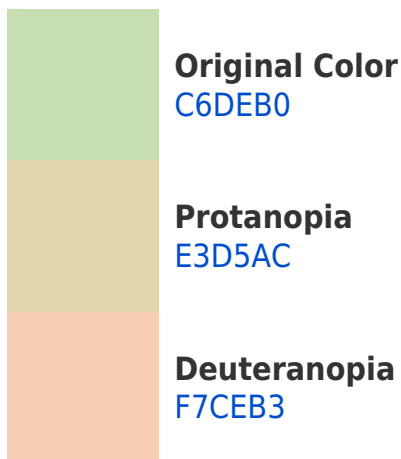


This preview shows how white text looks on a background with the Hex color C6DEB0.

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](#).

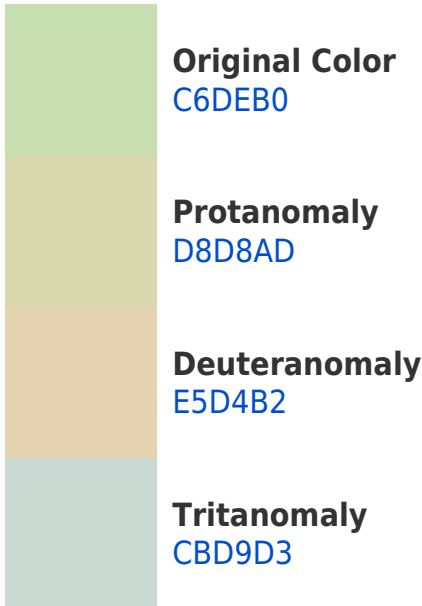
Dichromacy



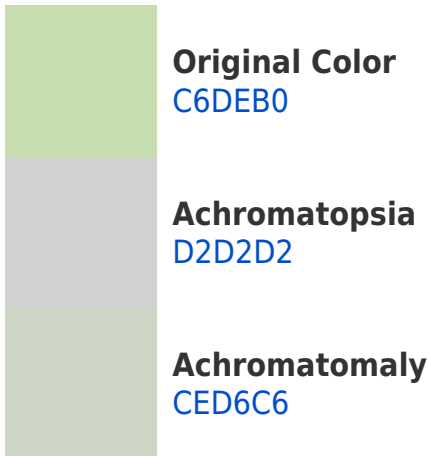


Tritanopia
CED6E7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C6DEB0 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 #C6DEB0 looks like.

```
.text, #text, p{  
    color:#C6DEB0  
}
```

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 #C6DEB0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C6DEB0  
}
```

Border

The CSS property to change the border of an element to Hex C6DEB0 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  
#C6DEB0 }
```

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

```
.border{ border-color:#C6DEB0 }
```

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

Here you see how a box with a 4 pixel #C6DEB0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C6DEB0; -webkit-box-shadow:4px 4px  
4px 4px #C6DEB0; box-shadow:4px 4px 4px  
4px #C6DEB0 }
```

Background

The CSS property to change the background color of an element to Hex C6DEB0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C6DEB0 }
```

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

```
.background{ background-color:#C6DEB0 }
```

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