

Converting Colors

Hex(CBDEC5)

Have a look what the booklet for
Hex(CBDEC5) contains.

Hex(CBDEC5)	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(CBDEC5)

Conversions

Conversions Part 1

Format	Color
Hex	CBDEC5
RGB	203, 222, 197
RGB Percent	80%, 87%, 77%
CMY	0.2039, 0.1294, 0.2275
CMYK	0.09, 0.00, 0.11, 0.13
HSL	106°, 27%, 82%
HSV	106°, 11%, 87%
XYZ	60.8279, 68.9703, 62.9299
YIQ	213.4690, -3.2990, -11.8030

Conversions

Conversions Part 2

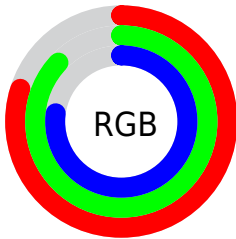
Format	Color
RYB	197, 222, 216
Decimal	13360837
CIELab	86.49, -10.88, 10.11
CIElCh	86, 14.854, 137.106
Yxy	68.9703, 0.3156, 0.3579
Android (android.graphics.Color)	4291550917 (0xFFFCBDEC5)
YUV	213.4690, -8.1192, -9.1813
Hunter-Lab	83.0483, -14.5941, 13.2068

Details

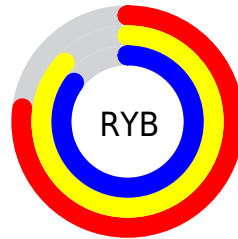
The Hex color **CBDEC5** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **D8C5DE**, and the grayscale version is **D6D6D6**.

A 20% lighter version of the original color is **FFFFFFE**, and **95A78F** is the 20% darker color. If you saturate the color by 10%, you get **BADEAF**, and if you desaturate by 10%, it is **DCDEDB**.

Distribution



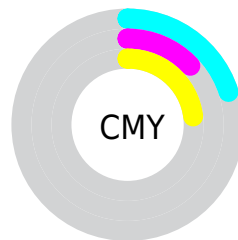
- Red (80%)
- Green (87%)
- Blue (77%)



- Red (77%)
- Yellow (87%)
- Blue (85%)



- Cyan (9%)
- Magenta (0%)
- Yellow (11%)
- Black (13%)



- Cyan (20%)
- Magenta (13%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Hex color CBDEC5 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 CBDEC5 by changing the saturation by 10% instead.

 CBDEC5

FFFFFFF

FFFFFFE

 CBDEC5

 B0C2AA

 95A78F

 7B8C76

 62735D

 4A5A45

 33432F

 1E2D1A

 071900

 000000

 CBDEC5

 CBDEC5

 BADEAF

 DCDEDB

 A9DE99

 EDDEF1

 98DE82

 FEDEFF

 88DE6C

 FFDEFF

 77DE56

 66DE40

 55DE2A

 44DE13

 35DE00

Harmonies

Analogous

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



DBDABE



CBDEC5



BDE0D2

Triad

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



CBDEC5



C2DCF3



F7CFD1

Complementary

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



CBDEC5



D8C5DE

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.



F2CFDF



CBDEC5



D4D7F3

Square

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



CBDEC5



B7DFED



E5D2EC



F4D1C4

Rectangle

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



CBDEC5



B7E1DB



E5D2EC



F6CFD5

Sweetspot

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



CBDEC5



F9FFF7



DED8C5



7C807A



000000



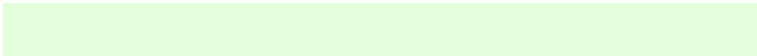
808080

Same Dimension

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



CBDEC5



E4FFDB



C5DECB



687065



2AB000



0C3000

Inverse Universe

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



D8C5DE



F6DBFF



DEC5D8



6E6570



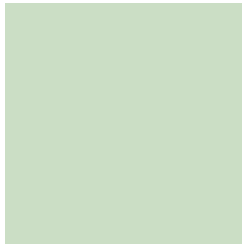
8600B0



250030

Previews

White Background



This preview shows how the Hex color CBDEC5 looks on a white background.

Color Contrast Check

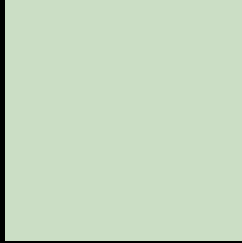
Large Text (above 18pt) WCAG AA × Fail

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 CBDEC5 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

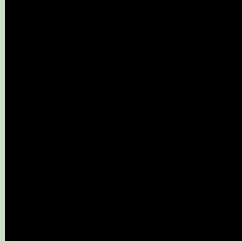
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

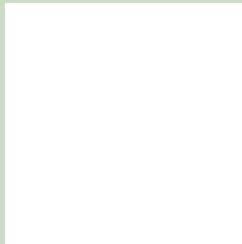
Any Text WCAG AAA ✓ Pass

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

Hex CBDEC5 Background



This preview shows how black text looks on a background with the Hex color CBDEC5.

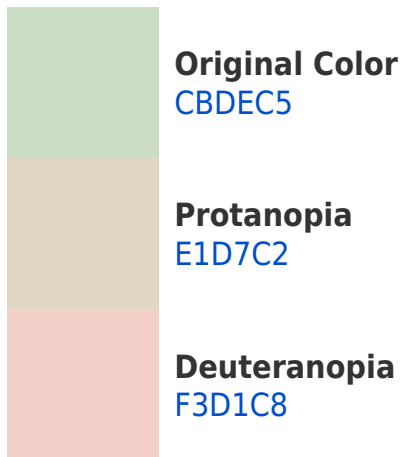


This preview shows how white text looks on a background with the Hex color CBDEC5.

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](#).

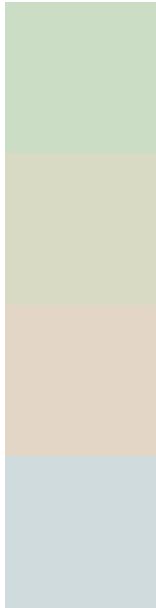
Dichromacy





Tritanopia
D1D9EA

Trichromacy



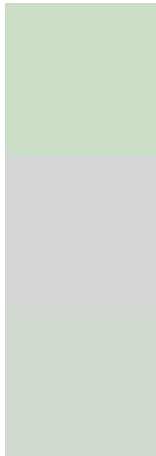
Original Color
CBDEC5

Protanomaly
D9DAC3

Deuteranomaly
E4D6C7

Tritanomaly
CFDBDD

Monochromacy



Original Color
CBDEC5

Achromatopsia
D5D5D5

Achromatomaly
D1D8CF

CSS Examples

Text

The CSS property to change the color of the text to Hex CBDEC5 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 #CBDEC5 looks like.

```
.text, #text, p{  
    color:#CBDEC5  
}
```

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 #CBDEC5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CBDEC5
}
```

Border

The CSS property to change the border of an element to Hex CBDEC5 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
#CBDEC5 }
```

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

```
.border{ border-color:#CBDEC5 }
```

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

Here you see how a box with a 4 pixel `#CBDEC5` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CBDEC5; -webkit-box-shadow:4px 4px  
4px 4px #CBDEC5; box-shadow:4px 4px 4px  
4px #CBDEC5 }
```

Background

The CSS property to change the background color of an element to Hex CBDEC5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CBDEC5 }
```

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

```
.background{ background-color:#CBDEC5 }
```

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