

Converting Colors

Hex(CBDED8)

Have a look what the booklet for
Hex(CBDED8) contains.

Hex(CBDED8)	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(CBDED8)

Conversions

Conversions Part 1

Format	Color
Hex	CBDED8
RGB	203, 222, 216
RGB Percent	80%, 87%, 85%
CMY	0.2039, 0.1294, 0.1529
CMYK	0.09, 0.00, 0.03, 0.13
HSL	161°, 22%, 83%
HSV	161°, 9%, 87%
XYZ	63.1445, 69.8969, 75.1291
YIQ	215.6350, -9.3980, -5.8940

Conversions

Conversions Part 2

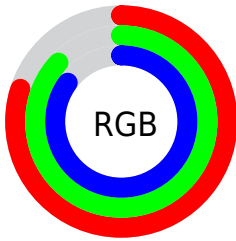
Format	Color
R_{YB}	203, 214, 222
Decimal	13360856
CIE Lab	86.95, -7.45, 0.76
CIE LCh	87, 7.489, 174.156
Yxy	69.8969, 0.3033, 0.3358
Android (android.graphics.Color)	4291550936 (0xFFCBDED8)
YUV	215.6350, 0.1799, -11.0809
Hunter-Lab	83.6044, -11.4906, 5.2435

Details

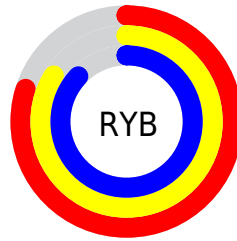
The Hex color **CBDED8** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **DECBD1**, and the grayscale version is **D8D8D8**.

A 20% lighter version of the original color is **FFFFFF**, and **95A7A1** is the 20% darker color. If you saturate the color by 10%, you get **B5DED1**, and if you desaturate by 10%, it is **E1DEDF**.

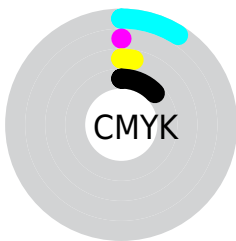
Distribution



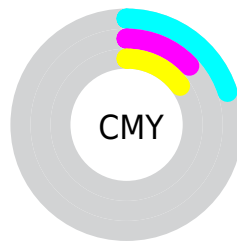
- Red (80%)
- Green (87%)
- Blue (85%)



- Red (80%)
- Yellow (84%)
- Blue (87%)



- Cyan (9%)
- Magenta (0%)
- Yellow (3%)
- Black (13%)



- Cyan (20%)
- Magenta (13%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color CBDED8 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 CBDED8 by changing the saturation by 10% instead.

 CBDED8

FFFFFF

 CBDED8

 B0C2BC

 95A7A1

 7B8D87

 62736E

 4A5A55

 33433E

 1E2D28

 071914

 000000

 CBDED8

 CBDEF8

 B5DED1

 E1DEF8

 9FDECA

 F7DEE6

 88DEC3

 FFDEED

 72DEBC

 FFDEF4

 5CDEB5

 FFDEFB

 46DEAE

 FFDEFF

 30DEA7

 19DEA0

 03DE99

Harmonies

Analogous

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



D1DDD1



CBDED8



C9DEDF

Triad

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



CBDED8



DAD8E7



E7D7CE

Complementary

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



CBDED8



DECBD1

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.



EAD5D4



CBDED8



E2D6E2

Square

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



CBDED8



D1DBE8



E8D5DB



E1D9CC

Rectangle

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



CBDED8



C9DDE3



E8D5DB



E8D6D0

Sweetspot

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



CBDED8



F7FFFD



D1DECB



7A807E



000000



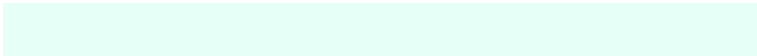
808080

Same Dimension

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



CBDED8



E6FFF7



CBDBDE



65706D



00B078



003021

Inverse Universe

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



DECBD1



FFE6EE



DECECB



706569



B00038



30000F

Previews

White Background



This preview shows how the Hex color CBDED8 looks on a white background.

Color Contrast Check

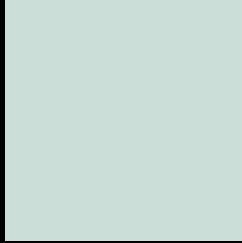
Large Text (above 18pt) WCAG AA × Fail

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 CBDED8 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

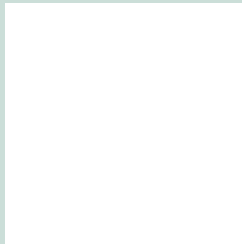
Any Text WCAG AAA ✓ Pass

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

Hex CBDED8 Background



This preview shows how black text looks on a background with the Hex color CBDED8.

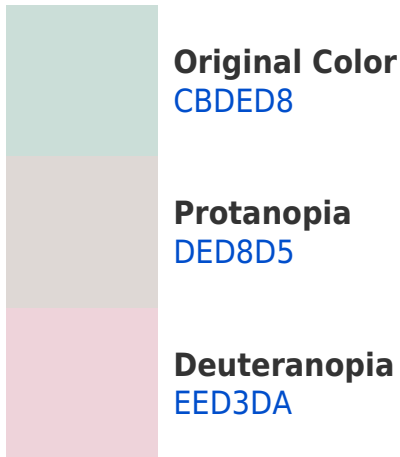


This preview shows how white text looks on a background with the Hex color CBDED8.

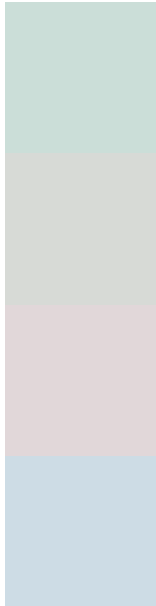
Color Blindness Simulation

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



Trichromacy



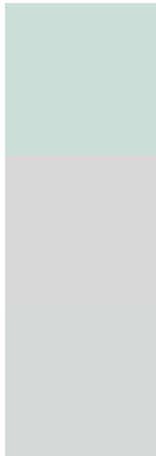
Original Color
CBDED8

Protanomaly
D7DAD6

Deuteranomaly
E1D7D9

Tritanomaly
CDDCE5

Monochromacy



Original Color
CBDED8

Achromatopsia
D8D8D8

Achromatomaly
D3DAD8

CSS Examples

Text

The CSS property to change the color of the text to Hex CBDED8 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 #CBDED8 looks like.

```
.text, #text, p{  
    color:#CBDED8  
}
```

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 #CBDED8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CBDED8
}
```

Border

The CSS property to change the border of an element to Hex CBDED8 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
#CBDED8 }
```

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

```
.border{ border-color:#CBDED8 }
```

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

Here you see how a box with a 4 pixel #CBDED8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CBDED8; -webkit-box-shadow:4px 4px  
4px 4px #CBDED8; box-shadow:4px 4px 4px  
4px #CBDED8 }
```

Background

The CSS property to change the background color of an element to Hex CBDED8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CBDED8 }
```

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

```
.background{ background-color:#CBDED8 }
```

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