

Converting Colors

Hex(CBDECF)

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

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Color

Hex(CBDECF)

Conversions

Conversions Part 1

Format	Color
Hex	CBDECF
RGB	203, 222, 207
RGB Percent	80%, 87%, 81%
CMY	0.2039, 0.1294, 0.1882
CMYK	0.09, 0.00, 0.07, 0.13
HSL	133°, 22%, 83%
HSV	133°, 9%, 87%
XYZ	62.0124, 69.4441, 69.1671
YIQ	214.6090, -6.5090, -8.6930

Conversions

Conversions Part 2

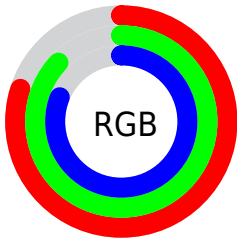
Format	Color
R_{YB}	203, 219, 222
Decimal	13360847
CIE _{Lab}	86.72, -9.11, 5.18
CIE _{LCh}	87, 10.484, 150.372
Yxy	69.4441, 0.3091, 0.3461
Android (android.graphics.Color)	4291550927 (0xFFCBDECF)
YUV	214.6090, -3.7512, -10.1811
Hunter-Lab	83.3331, -13.0021, 9.1220

Details

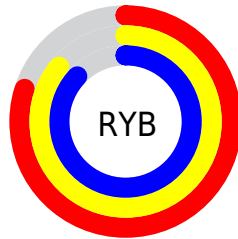
The Hex color **CBDECF** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **DECBDA**, and the grayscale version is **D7D7D7**.

A 20% lighter version of the original color is **FFFFFF**, and **95A799** is the 20% darker color. If you saturate the color by 10%, you get **B5DEBD**, and if you desaturate by 10%, it is **E1DEE1**.

Distribution



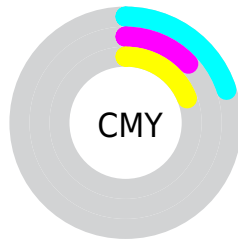
- Red (80%)
- Green (87%)
- Blue (81%)



- Red (80%)
- Yellow (86%)
- Blue (87%)



- Cyan (9%)
- Magenta (0%)
- Yellow (7%)
- Black (13%)



- Cyan (20%)
- Magenta (13%)
- Yellow (19%)

Brightness & Saturation Gradients

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

 CBDECF

FFFFFF

 CBDECF

 B0C2B3

 95A799

 7B8D7F

 627366

 4A5A4E

 334337

 1E2D22

 07190B

 000000

 CBDECF

 CBDECF

 B5DEBD

 E1DEE1

 9FDEAC

 F7DEF2

 88DE9A

 FFDEFF

 72DE89

 5CDE77

 46DE66

 30DE54

 19DE43

 03DE31

Harmonies

Analogous

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



D6DCC8



CBDECF



C3DFD9

Triad

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



CBDECF



CFDAED



EFD3CF

Complementary

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



CBDECF



DECBDA

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.



EDD3D9



CBDECF



DBD7EA

Square

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



CBDECF



C5DDEA



E6D4E3



EAD5C8

Rectangle

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



CBDECF



C1DFE0



E6D4E3



EFD3D3

Sweetspot

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



CBDECF



F7FFF9



DADECB



7A807B



000000



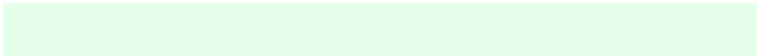
808080

Same Dimension

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



CBDECF



E6FFEB



CBDED8



657067



00B025



00300A

Inverse Universe

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



DECBDA



FFE6FA



DECBD1



70656E



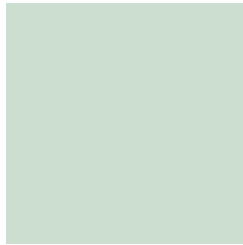
B0008B



300026

Previews

White Background



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

Color Contrast Check

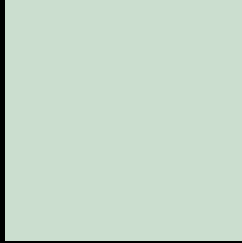
Large Text (above 18pt) WCAG AA × Fail

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 CBDECF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

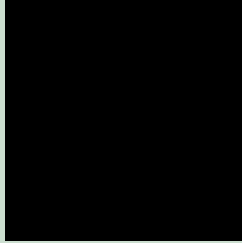
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

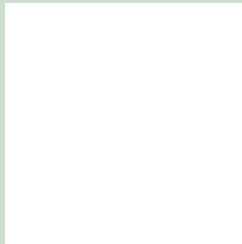
Any Text WCAG AAA ✓ Pass

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

Hex CBDECF Background



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

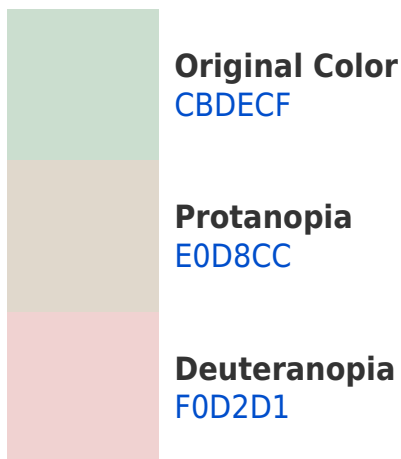


This preview shows how white text looks on a background with the Hex color CBDECF.

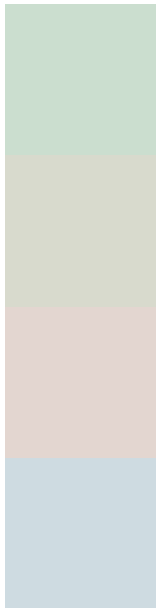
Color Blindness Simulation

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



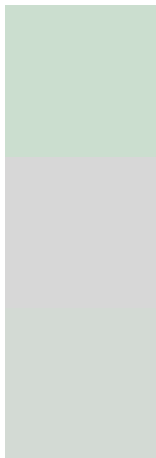
Original Color
CBDECF

Protanomaly
D8DACD

Deuteranomaly
E3D6D0

Tritanomaly
CEDBE1

Monochromacy



Original Color
CBDECF

Achromatopsia
D7D7D7

Achromatomaly
D3DAD4

CSS Examples

Text

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

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

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 #CBDECF colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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