

Converting Colors

Hex(CAF0D0)

Have a look what the booklet for
Hex(CAF0D0) contains.

Hex(CAF0D0)	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(CAF0D0)

Conversions

Conversions Part 1

Format	Color
Hex	CAF0D0
RGB	202, 240, 208
RGB Percent	79%, 94%, 82%
CMY	0.2078, 0.0588, 0.1843
CMYK	0.16, 0.00, 0.13, 0.06
HSL	129°, 56%, 87%
HSV	129°, 16%, 94%
XYZ	66.9024, 79.4308, 71.4801
YIQ	224.9900, -12.3760, -18.0080

Conversions

Conversions Part 2

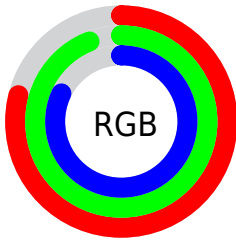
Format	Color
R_{YB}	202, 235, 240
Decimal	13299920
CIE _{Lab}	91.43, -18.28, 11.40
CIE _{LCh}	91, 21.546, 148.055
Yxy	79.4308, 0.3072, 0.3647
Android (android.graphics.Color)	4291490000 (0xFFCAF0D0)
YUV	224.9900, -8.3761, -20.1622
Hunter-Lab	89.1240, -21.9729, 14.8344

Details

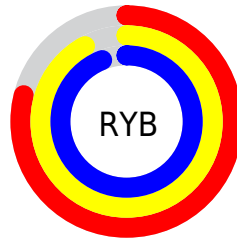
The Hex color **CAF0D0** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **F0CAEA**, and the grayscale version is **E1E1E1**.

A 20% lighter version of the original color is **FFFFFF**, and **94B89A** is the 20% darker color. If you saturate the color by 10%, you get **B2F0BC**, and if you desaturate by 10%, it is **E2F0E4**.

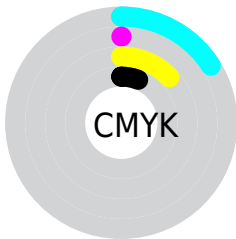
Distribution



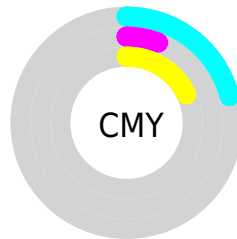
- Red (79%)
- Green (94%)
- Blue (82%)



- Red (79%)
- Yellow (92%)
- Blue (94%)



- Cyan (16%)
- Magenta (0%)
- Yellow (13%)
- Black (6%)



- Cyan (21%)
- Magenta (6%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color CAF0D0 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 CAF0D0 by changing the saturation by 10% instead.

 CAF0D0

FFFFFF

 CAF0D0

 AED4B4

 94B89A

 799D80

 608367

 48694E

 315138

 1A3A22

 04240D

 000A00

 CAF0D0

 CAF0D0

 B2F0BC

 E2F0E4

 9AF0A8

 FAF0F8

 82F093

 FFF0FF

 6AF07F

 52F06B

 3AF057

 22F043

 0AF02E

 00F026

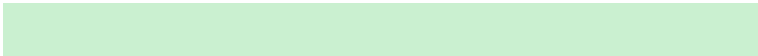
Harmonies

Analogous

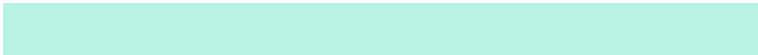
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



E2EBC2



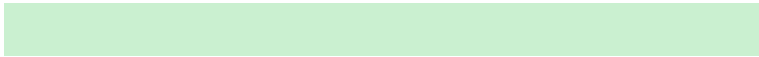
CAF0D0



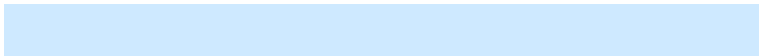
B7F2E4

Triad

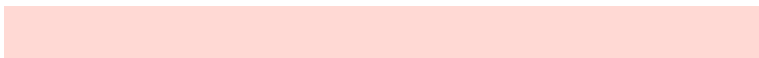
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



CAF0D0



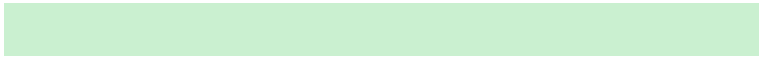
CEE9FF



FFD9D4

Complementary

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



CAF0D0



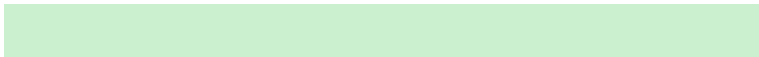
F0CAEA

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.



FFD8E9



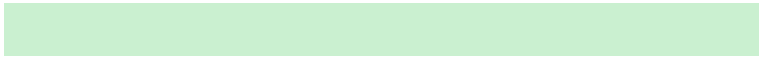
CAF0D0



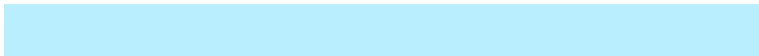
E9E2FF

Square

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



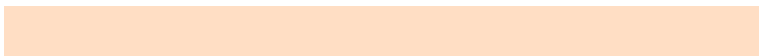
CAF0D0



B8EEFF



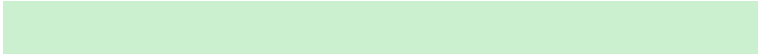
FFDBFD



FFDEC4

Rectangle

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



CAF0D0



B0F2F2



FFDBFD



FFD8DA

Sweetspot

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



CAF0D0



F2FFF4



EAF0CA



788079



000000



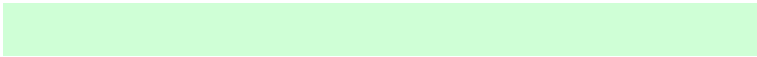
808080

Same Dimension

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



CAF0D0



CFFFD6



CAF0E3



6C786E



00B81D



003809

Inverse Universe

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



F0CAEA



FFCFF7



F0CAD7



786C76



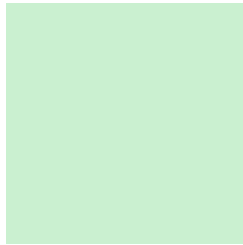
B8009B



38002F

Previews

White Background



This preview shows how the Hex color CAF0D0 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 CAF0D0 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

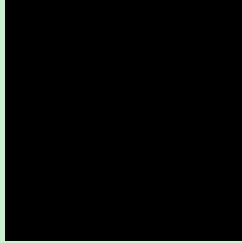
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

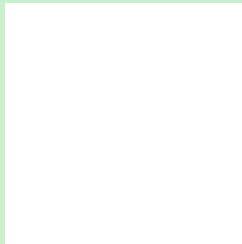
Any Text WCAG AAA ✓ Pass

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

Hex CAF0D0 Background



This preview shows how black text looks on a background with the Hex color CAF0D0.

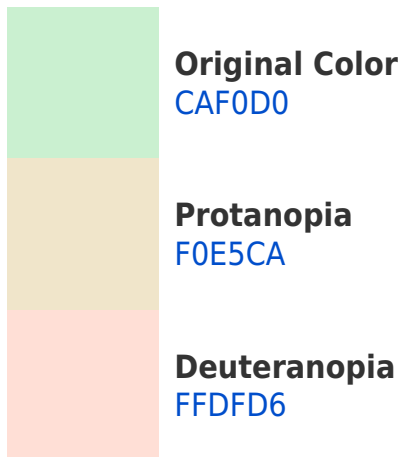


This preview shows how white text looks on a background with the Hex color CAF0D0.

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](#).

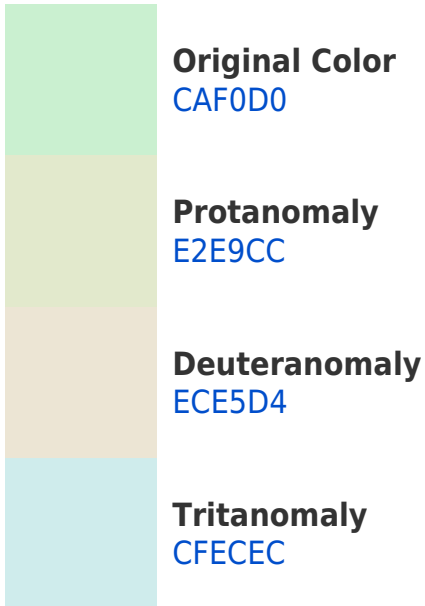
Dichromacy



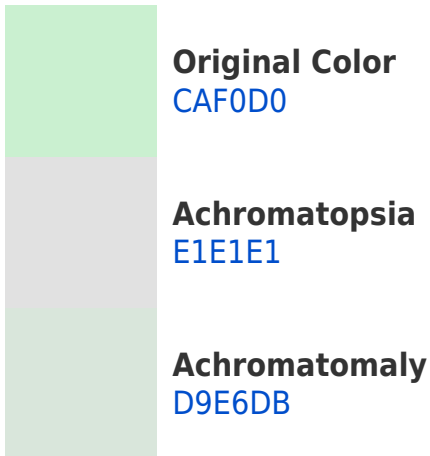


Tritanopia
D2EAFC

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CAF0D0 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 #CAF0D0 looks like.

```
.text, #text, p{  
    color:#CAF0D0  
}
```

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 #CAF0D0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CAF0D0
}
```

Border

The CSS property to change the border of an element to Hex CAF0D0 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
#CAF0D0 }
```

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

```
.border{ border-color:#CAF0D0 }
```

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

Here you see how a box with a 4 pixel #CAF0D0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CAF0D0; -webkit-box-shadow:4px 4px  
4px 4px #CAF0D0; box-shadow:4px 4px 4px  
4px #CAF0D0 }
```

Background

The CSS property to change the background color of an element to Hex CAF0D0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CAF0D0 }
```

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

```
.background{ background-color:#CAF0D0 }
```

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