

Converting Colors

Hex(CAFCEC)

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

Hex(CAFCEC)	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(CAFCEC)

Conversions

Conversions Part 1

Format	Color
Hex	CAFCEC
RGB	202, 252, 236
RGB Percent	79%, 99%, 93%
CMY	0.2078, 0.0118, 0.0745
CMYK	0.20, 0.00, 0.06, 0.01
HSL	161°, 89%, 89%
HSV	161°, 20%, 99%
XYZ	74.3078, 88.2335, 92.4712
YIQ	235.2260, -24.6640, -15.5760

Conversions

Conversions Part 2

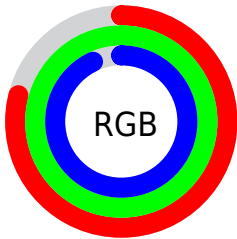
Format	Color
R_{YB}	202, 232, 252
Decimal	13303020
CIE _{Lab}	95.26, -18.95, 2.43
CIE _{LCh}	95, 19.108, 172.704
Yxy	88.2335, 0.2914, 0.3460
Android (android.graphics.Color)	4291493100 (0xFFCAFCEC)
YUV	235.2260, 0.3816, -29.1392
Hunter-Lab	93.9327, -23.1752, 7.3854

Details

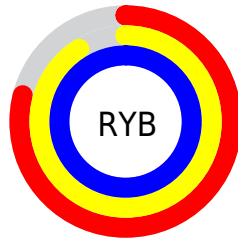
The Hex color **CAFCEC** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **FCCADA**, and the grayscale version is **EBEBEB**.

A 20% lighter version of the original color is **FFFFFF**, and **93C3B4** is the 20% darker color. If you saturate the color by 10%, you get **B1FCE4**, and if you desaturate by 10%, it is **E3FCF4**.

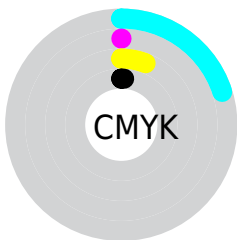
Distribution



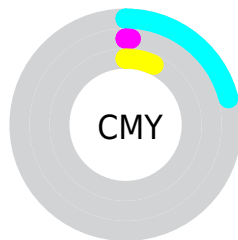
- Red (79%)
- Green (99%)
- Blue (93%)



- Red (79%)
- Yellow (91%)
- Blue (99%)



- Cyan (20%)
- Magenta (0%)
- Yellow (6%)
- Black (1%)



- Cyan (21%)
- Magenta (1%)
- Yellow (7%)

Brightness & Saturation Gradients

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

 CAFCEC

FFFFFF

 CAFCEC

 AEDFD0

 93C3B4

 79A899

 5F8D80

 467467

 2E5B4F

 154338

 002D22

 001A0C

 CAFCEC

 CAFCEC

 B1FCE4

 E3FCF4

 98FCDC

 FCFCFC

 7EFCD4

 FFFCFF

 65FCCC

 4CFCC4

 33FCBC

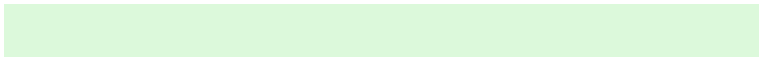
 1AFCB4

 00FCAB

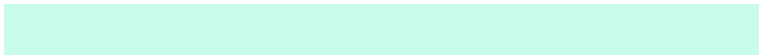
Harmonies

Analogous

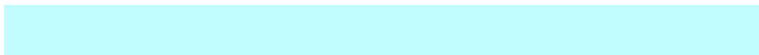
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



DCF9DB



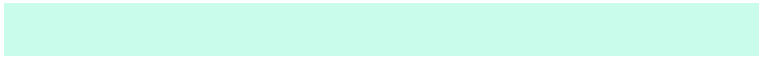
CAFCEC



C1FCFF

Triad

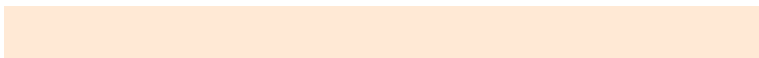
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



CAFCEC



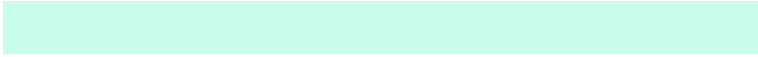
EFE EFF



FFE9D5

Complementary

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



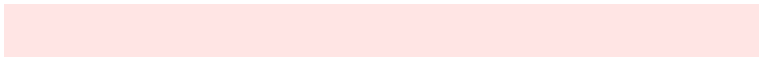
CAFCEC



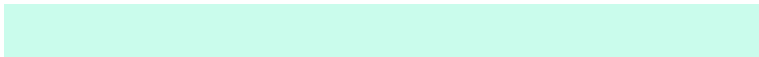
FCCADA

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.



FFE5E4



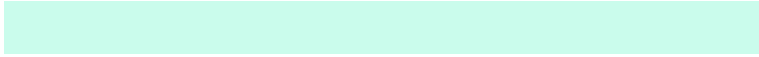
CAFCEC



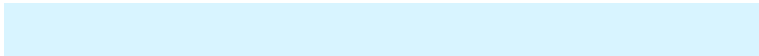
FFE8FF

Square

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



CAFCEC



D8F4FF



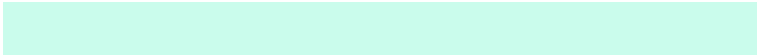
FFE5F7



FFEFCF

Rectangle

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



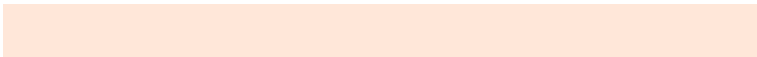
CAFCEC



C3FBFF



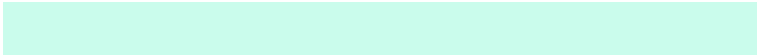
FFE5F7



FFE7D9

Sweetspot

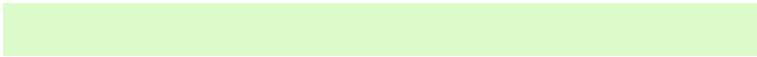
The Sweet Spot groups the original color and five complimentary colors.



CAFCEC



F0FFFA



DBFCCA



77807D



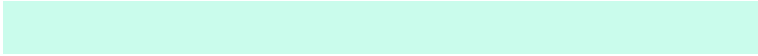
000000



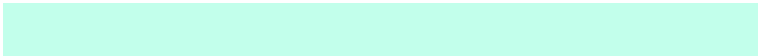
808080

Same Dimension

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



CAFCEC



C2FFEB



CAF4FC



707D79



00BD80



003D2A

Inverse Universe

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



FCCADA



FFC2D5



FCD2CA



7D7074



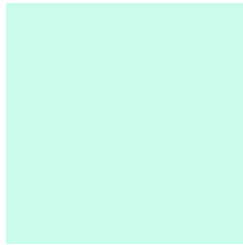
BD003C



3D0014

Previews

White Background



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

Color Contrast Check

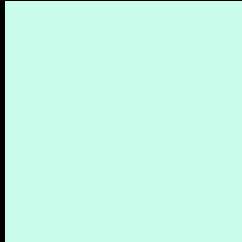
Large Text (above 18pt) WCAG AA × Fail

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 CAFCEC looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

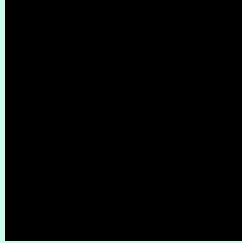
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

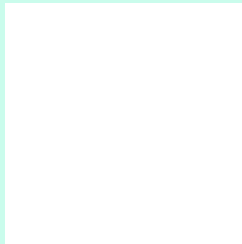
Any Text WCAG AAA ✓ Pass

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

Hex CAFCEC Background



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

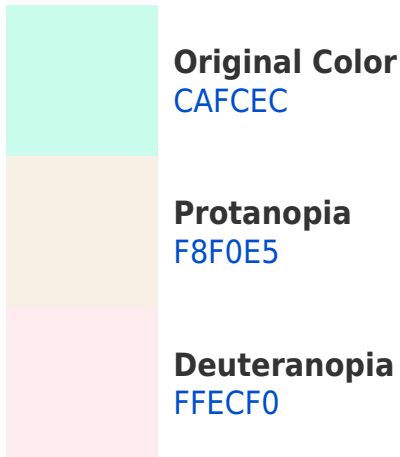


This preview shows how white text looks on a background with the Hex color CAFCEC.

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



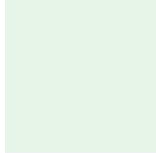


Tritanopia
E0F4FF

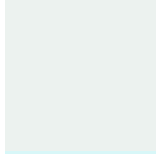
Trichromacy



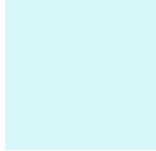
Original Color
CAFCEC



Protanomaly
E7F4E8

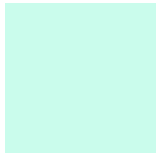


Deuteranomaly
ECF2EF

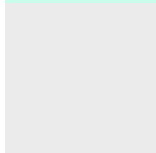


Tritanomaly
D8F7F8

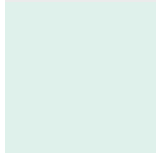
Monochromacy



Original Color
CAFCEC



Achromatopsia
EBEBEB



Achromatomaly
DFF1EB

CSS Examples

Text

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

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

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 #CAFCEC colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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