

Converting Colors

Hex(CAFBE2)

Have a look what the booklet for
Hex(CAFBE2) contains.

Hex(CAFBE2)	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(CAFBE2)

Conversions

Conversions Part 1

Format	Color
Hex	CAFBE2
RGB	202, 251, 226
RGB Percent	79%, 98%, 89%
CMY	0.2078, 0.0157, 0.1137
CMYK	0.20, 0.00, 0.10, 0.02
HSL	149°, 86%, 89%
HSV	149°, 20%, 98%
XYZ	72.5818, 87.0419, 84.9268
YIQ	233.4990, -21.1790, -18.1630

Conversions

Conversions Part 2

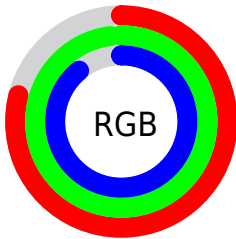
Format	Color
RYB	202, 235, 251
Decimal	13302754
CIELab	94.76, -20.38, 6.86
CIELCh	95, 21.502, 161.404
Yxy	87.0419, 0.2968, 0.3559
Android (android.graphics.Color)	4291492834 (0xFFCAFBE2)
YUV	233.4990, -3.6970, -27.6246
Hunter-Lab	93.2963, -24.4006, 11.3362

Details

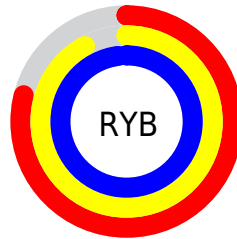
The Hex color **CAFBE2** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **FBCAE3**, and the grayscale version is **EAEAEA**.

A 20% lighter version of the original color is **FFFFFF**, and **93C2AB** is the 20% darker color. If you saturate the color by 10%, you get **B1FBD5**, and if you desaturate by 10%, it is **E3FBEF**.

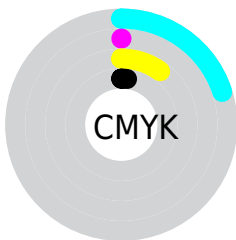
Distribution



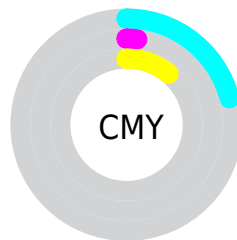
- Red (79%)
- Green (98%)
- Blue (89%)



- Red (79%)
- Yellow (92%)
- Blue (98%)



- Cyan (20%)
- Magenta (0%)
- Yellow (10%)
- Black (2%)



- Cyan (21%)
- Magenta (2%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color CAFBE2 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 CAFBE2 by changing the saturation by 10% instead.

CAFBE2

FFFFFF

CAFBE2

AEDEC6

93C2AB

79A790

5F8D77

47735E

2F5A46

174230

002C1B

001900

 CAFBE2

 CAFBE2

 B1FBD5

 E3FBEF

 98FBC8

 FCFBFC

 7FFBBC

 FFFBFF

 66FBAF

 4DFBA2

 33FB95

 1AFB88

 01FB7C

 00FB7B

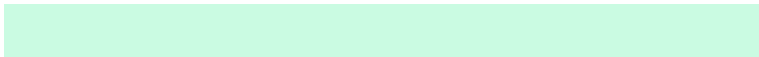
Harmonies

Analogous

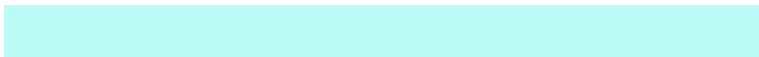
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



E0F7D0



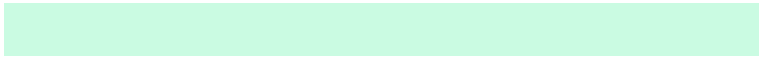
CAFBE2



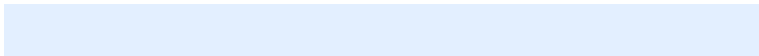
BBFCF7

Triad

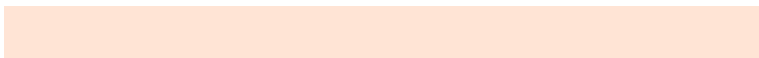
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



CAFBE2



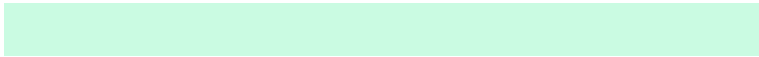
E3EFFF



FFE4D5

Complementary

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



CAFBE2



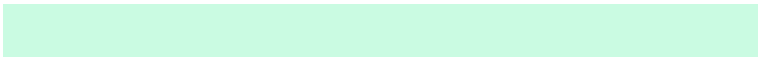
FBCAE3

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.



FFE2E9



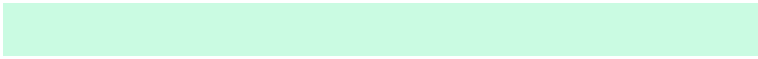
CAFBE2



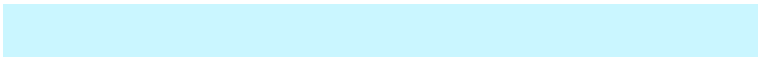
FEE8FF

Square

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



CAFBE2



CAF6FF



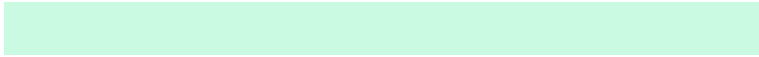
FFE3FE



FFEAC9

Rectangle

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



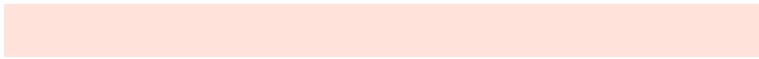
CAFBE2



B9FBFF



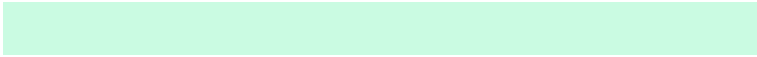
FFE3FE



FFE3DB

Sweetspot

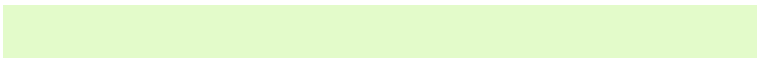
The Sweet Spot groups the original color and five complimentary colors.



CAFBE2



F0FFF7



E3FBCA



77807B



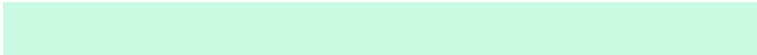
000000



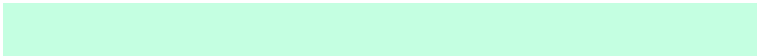
808080

Same Dimension

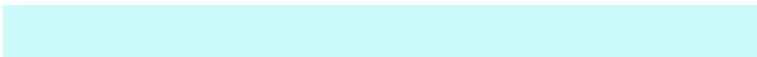
The Same Dimension uses a secret algorithm to generate beautiful new colors.



CAFBE2



C4FFE1



CAFBFA



707D77



00BD5C



003D1E

Inverse Universe

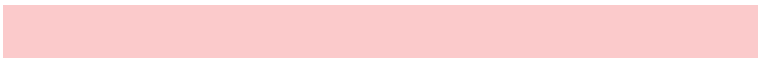
The Inverse Universe completely reimagines the original color for something new.



FBCAE3



FFC4E2



FBCACB



7D7077



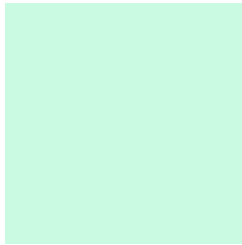
BD0060



3D001F

Previews

White Background



This preview shows how the Hex color CAFBE2 looks on a white background.

Color Contrast Check

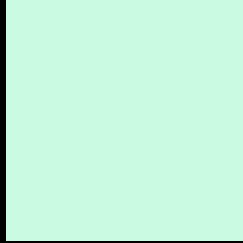
Large Text (above 18pt) WCAG AA × Fail

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 CAFBE2 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

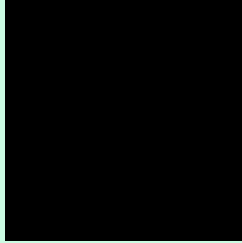
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

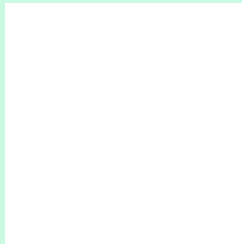
Any Text WCAG AAA ✓ Pass

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

Hex CAFBE2 Background



This preview shows how black text looks on a background with the Hex color CAFBE2.

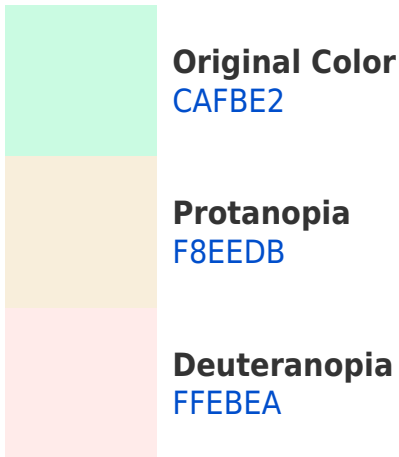


This preview shows how white text looks on a background with the Hex color CAFBE2.

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



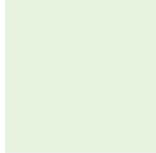


Tritanopia
DEF3FF

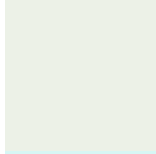
Trichromacy



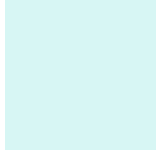
Original Color
CAFBE2



Protanomaly
E7F3DE

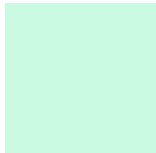


Deuteranomaly
ECF1E7

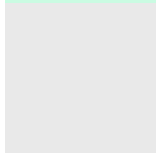


Tritanomaly
D7F6F4

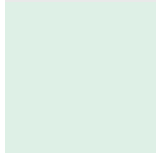
Monochromacy



Original Color
CAFBE2



Achromatopsia
E9E9E9



Achromatomaly
DEF0E6

CSS Examples

Text

The CSS property to change the color of the text to Hex CAFBE2 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 #CAFBE2 looks like.

```
.text, #text, p{  
    color:#CAFBE2  
}
```

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 #CAFBE2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CAFBE2
}
```

Border

The CSS property to change the border of an element to Hex CAFBE2 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
#CAFBE2 }
```

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

```
.border{ border-color:#CAFBE2 }
```

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

Here you see how a box with a 4 pixel #CAFBE2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CAFBE2; -webkit-box-shadow:4px 4px  
4px 4px #CAFBE2; box-shadow:4px 4px 4px  
4px #CAFBE2 }
```

Background

The CSS property to change the background color of an element to Hex CAFBE2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CAFBE2 }
```

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

```
.background{ background-color:#CAFBE2 }
```

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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