

Converting Colors

Hex(CCFEAA)

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

Hex(CCFEAA)	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(CCFEAA)

Conversions

Conversions Part 1

Format	Color
Hex	CCFEAA
RGB	204, 254, 170
RGB Percent	80%, 100%, 67%
CMY	0.2000, 0.0039, 0.3333
CMYK	0.20, 0.00, 0.33, 0.00
HSL	96°, 98%, 83%
HSV	96°, 33%, 100%
XYZ	67.5993, 86.6233, 51.1873
YIQ	229.4740, -2.8360, -36.7240

Conversions

Conversions Part 2

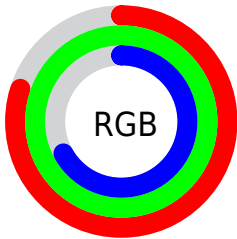
Format	Color
R _Y B	170, 254, 220
Decimal	13434538
CIE Lab	94.58, -30.32, 35.14
CIE LCh	95, 46.412, 130.788
Yxy	86.6233, 0.3291, 0.4217
Android (android.graphics.Color)	4291624618 (0xFFCCFEAA)
YUV	229.4740, -29.3207, -22.3407
Hunter-Lab	93.0716, -33.2280, 32.5420

Details

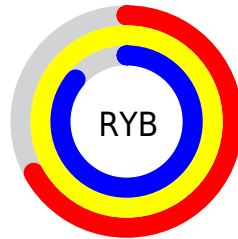
The Hex color **CCFEAA** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **DCAAFE**, and the grayscale version is **E6E6E6**.

A 20% lighter version of the original color is **FFFFE2**, and **95C575** is the 20% darker color. If you saturate the color by 10%, you get **BDFE91**, and if you desaturate by 10%, it is **DBFEC3**.

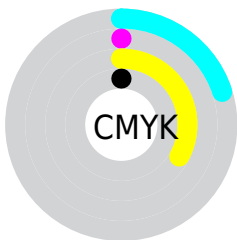
Distribution



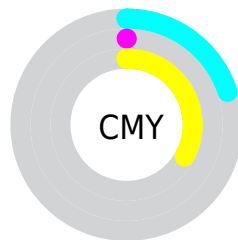
- Red (80%)
- Green (100%)
- Blue (67%)



- Red (67%)
- Yellow (100%)
- Blue (86%)



- Cyan (20%)
- Magenta (0%)
- Yellow (33%)
- Black (0%)



- Cyan (20%)
- Magenta (0%)
- Yellow (33%)

Brightness & Saturation Gradients

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

 CCFEAA

FFFFFF

 FFFFE2

 CCFEAA

 B0E18F

 95C575

 7AAA5C

 608F43

 46752B

 2D5C12

 124400

 002D00

 001900

 CCFEAA

 CCFEAA

 BDFE91

 DBFEC3

 AEFE77

 EAFEDD

 9FFE5E

 F9FEF6

 90FE44

 FFFEFF

 80FE2B

 71FE12

 67FE00

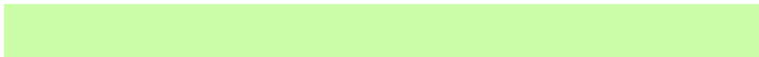
Harmonies

Analogous

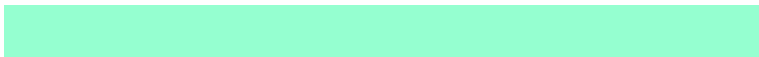
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FDF296



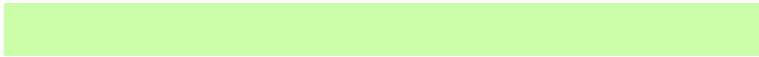
CCFEAA



95FFD0

Triad

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



CCFEAA



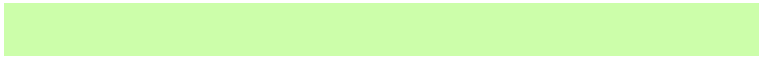
7FFCFF



FFCDE1

Complementary

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



CCFEAA



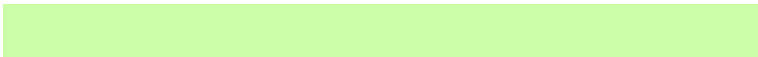
DCAAFE

Split Complementary

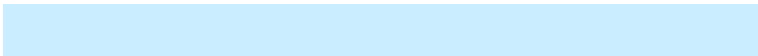
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFD1FF



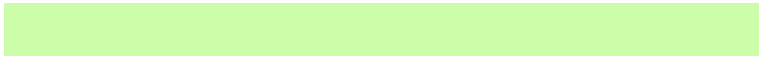
CCFEAA



CAEEFF

Square

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



CCFEAA



43FFFF



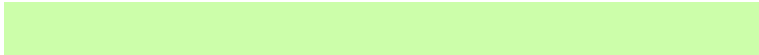
FFDEFF



FFD4B7

Rectangle

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



CCFEAA



6EFFEF



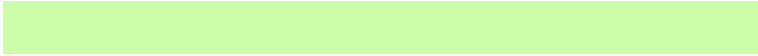
FFDEFF



FFCDF0

Sweetspot

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



CCFEAA



F0FFE6



FEDBAA



768070



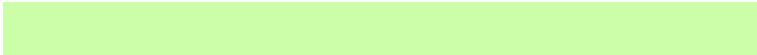
000000



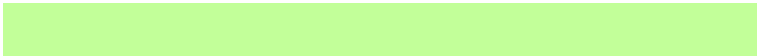
808080

Same Dimension

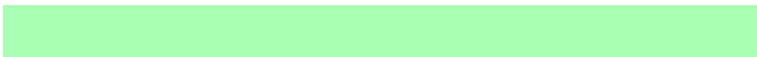
The Same Dimension uses a secret algorithm to generate beautiful new colors.



CCFEAA



C2FF99



AAFEB1



788073



4DBF00



1A4000

Inverse Universe

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



DCAAFE



D699FF



FEAAF7



7A7380



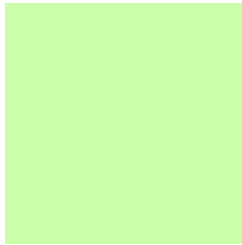
7200BF



260040

Previews

White Background



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

Color Contrast Check

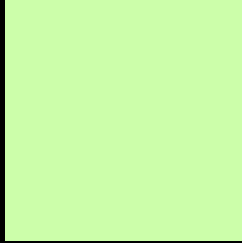
Large Text (above 18pt) WCAG AA × Fail

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 CCFEAA looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

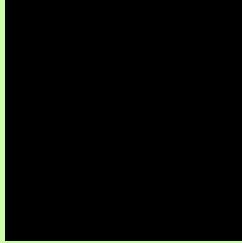
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

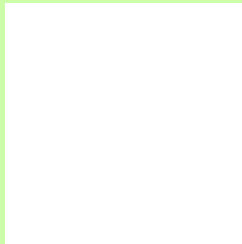
Any Text WCAG AAA ✓ Pass

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

Hex CCFEAA Background



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

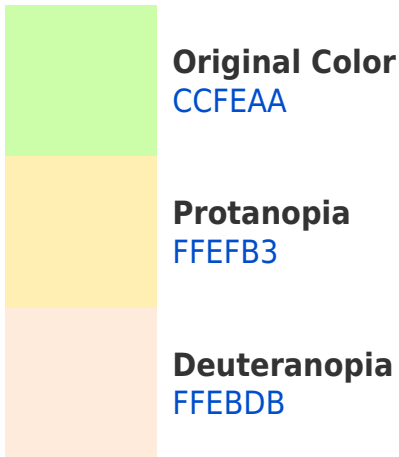


This preview shows how white text looks on a background with the Hex color CCFEAA.

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



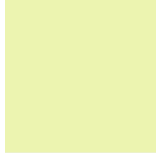


Tritanopia
E1F1FF

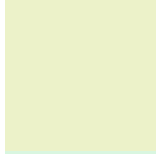
Trichromacy



Original Color
CCFEAA



Protanomaly
ECF4B0

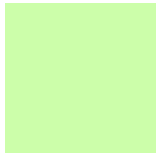


Deuteranomaly
ECF2C9

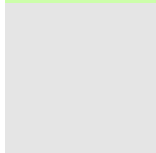


Tritanomaly
D9F6E0

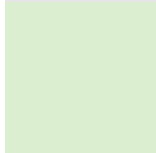
Monochromacy



Original Color
CCFEAA



Achromatopsia
E5E5E5



Achromatomaly
DCEED0

CSS Examples

Text

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

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

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 #CCFEAA colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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