

Converting Colors

Hex(CAFD97)

Have a look what the booklet for
Hex(CAFD97) contains.

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Color

Hex(CAFD97)

Conversions

Conversions Part 1

Format	Color
Hex	CAFD97
RGB	202, 253, 151
RGB Percent	79%, 99%, 59%
CMY	0.2078, 0.0078, 0.4078
CMYK	0.20, 0.00, 0.40, 0.01
HSL	90°, 96%, 79%
HSV	90°, 40%, 99%
XYZ	65.0683, 85.0415, 42.2633
YIQ	226.1230, 2.3460, -42.5340

Conversions

Conversions Part 2

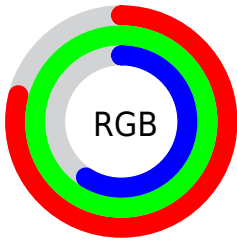
Format	Color
RYB	151, 253, 202
Decimal	13303191
CIELab	93.90, -33.04, 43.59
CIElCh	94, 54.699, 127.160
Yxy	85.0415, 0.3382, 0.4421
Android (android.graphics.Color)	4291493271 (0xFFCAFD97)
YUV	226.1230, -37.0356, -21.1559
Hunter-Lab	92.2179, -35.4331, 37.3800

Details

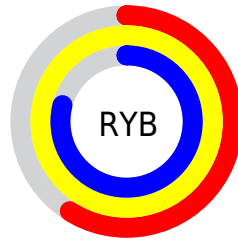
The Hex color **CAFD97** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **CA97FD**, and the grayscale version is **E2E2E2**.

A 20% lighter version of the original color is **FFFFCE**, and **92C462** is the 20% darker color. If you saturate the color by 10%, you get **BDFD7E**, and if you desaturate by 10%, it is **D7FDB0**.

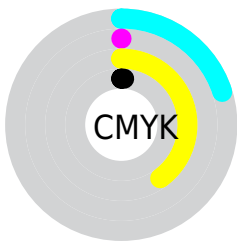
Distribution



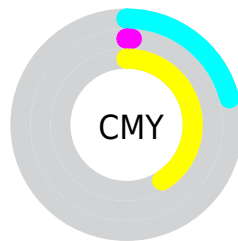
- Red (79%)
- Green (99%)
- Blue (59%)



- Red (59%)
- Yellow (99%)
- Blue (79%)



- Cyan (20%)
- Magenta (0%)
- Yellow (40%)
- Black (1%)



- Cyan (21%)
- Magenta (1%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Hex color CAFD97 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 CAFD97 by changing the saturation by 10% instead.

 CAFD97

 CAFD97

FFFFFF

 AEE07C

 FFFFCE

 92C462

 FFFFEB

 77A949

 5D8E30

 427415

 285B00

 0C4300

 002D00

 001600

 CAFD97

 CAFD97

 BDFD7E

 D7FDB0

 B1FD64

 E3FDCA

 A4FD4B

 F0FDE3

 97FD32

 FDFDFC

 8BFD19

 FFFDFF

 7FFD00

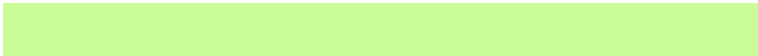
Harmonies

Analogous

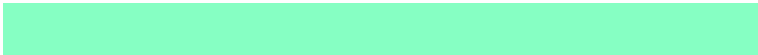
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FFE883



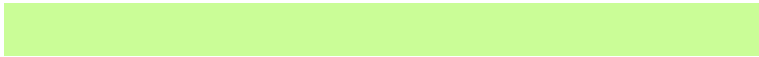
CAFD97



86FFC3

Triad

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



CAFD97



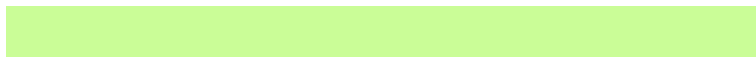
37FEFF



FFC3E3

Complementary

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



CAFD97



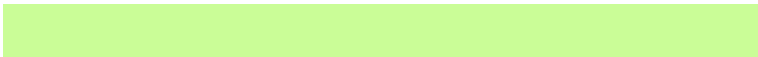
CA97FD

Split Complementary

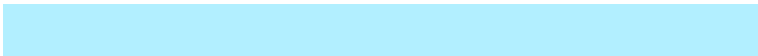
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFC9FF



CAFD97



B2EFFF

Square

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



CAFD97



00FFFF



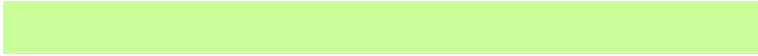
FFDBFF



FFCBB0

Rectangle

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



CAFD97



48FFE6



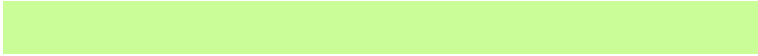
FFDBFF



FFC3F5

Sweetspot

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



CAFD97



F0FFE0



FDCA97



77806E



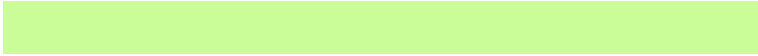
000000



808080

Same Dimension

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



CAFD97



C2FF85



97FD97



798073



60BF00



204000

Inverse Universe

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



CA97FD



C285FF



FD97FD



797380



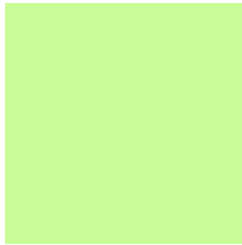
6000BF



200040

Previews

White Background



This preview shows how the Hex color CAFD97 looks on a white background.

Color Contrast Check

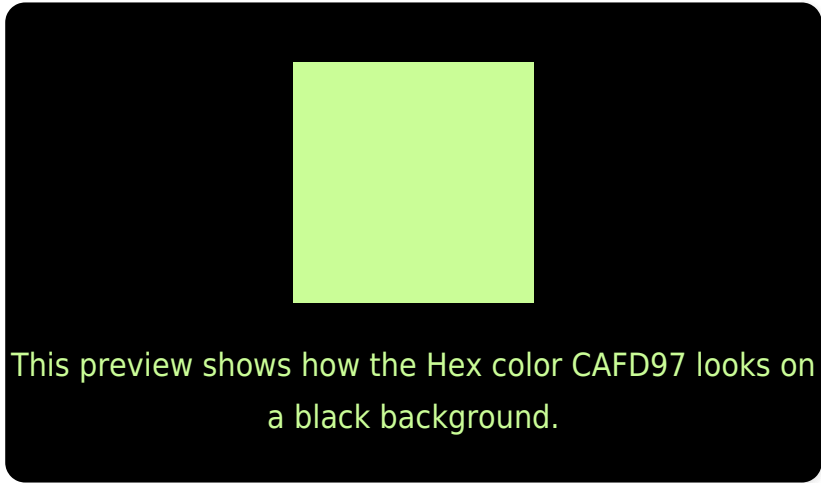
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

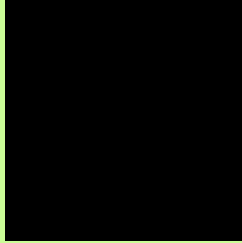
Any Text WCAG AA ✓ Pass

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 CAFD97 Background



This preview shows how black text looks on a background with the Hex color CAFD97.

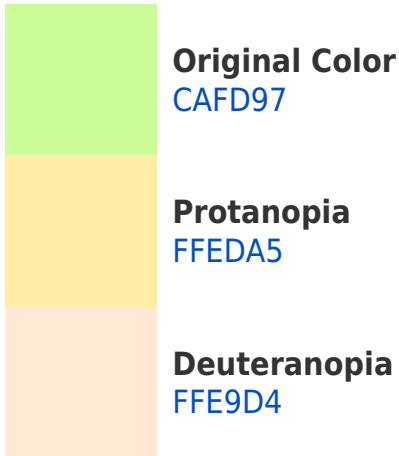


This preview shows how white text looks on a background with the Hex color CAFD97.

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



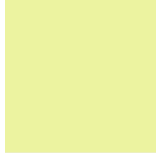


Tritanopia
DEEFF

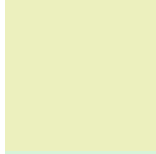
Trichromacy



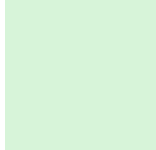
Original Color
CAFD97



Protanomaly
ECF3A0



Deuteranomaly
ECF0BE

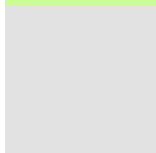


Tritanomaly
D7F4D9

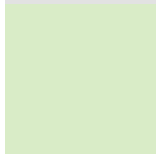
Monochromacy



Original Color
CAFD97



Achromatopsia
E2E2E2



Achromatomaly
D9ECC7

CSS Examples

Text

The CSS property to change the color of the text to Hex CAFD97 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 #CAFD97 looks like.

```
.text, #text, p{  
    color:#CAFD97  
}
```

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 #CAFD97 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CAFD97
}
```

Border

The CSS property to change the border of an element to Hex CAFD97 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
#CAFD97 }
```

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

```
.border{ border-color:#CAFD97 }
```

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

Here you see how a box with a 4 pixel #CAFD97 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CAFD97; -webkit-box-shadow:4px 4px  
4px 4px #CAFD97; box-shadow:4px 4px 4px  
4px #CAFD97 }
```

Background

The CSS property to change the background color of an element to Hex CAFD97 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CAFD97 }
```

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

```
.background{ background-color:#CAFD97 }
```

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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