

Converting Colors

Hex(CAFF81)

Have a look what the booklet for
Hex(CAFF81) contains.

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Color

Hex(CAFF81)

Conversions

Conversions Part 1

Format	Color
Hex	CAFF81
RGB	202, 255, 129
RGB Percent	79%, 100%, 51%
CMY	0.2078, 0.0000, 0.4941
CMYK	0.21, 0.00, 0.49, 0.00
HSL	85°, 100%, 75%
HSV	85°, 49%, 100%
XYZ	64.0796, 85.6615, 33.9259
YIQ	224.7890, 8.8580, -50.4220

Conversions

Conversions Part 2

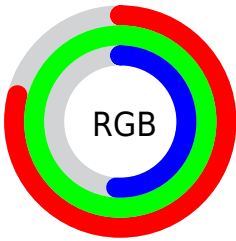
Format	Color
RYB	129, 255, 182
Decimal	13303681
CIELab	94.17, -36.43, 54.36
CIElCh	94, 65.437, 123.832
Yxy	85.6615, 0.3489, 0.4664
Android (android.graphics.Color)	4291493761 (0xFFCAFF81)
YUV	224.7890, -47.2240, -19.9860
Hunter-Lab	92.5535, -38.3839, 43.0545

Details

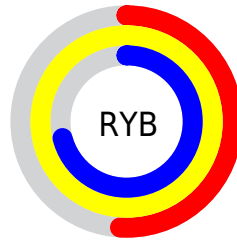
The Hex color **CAFF81** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **B681FF**, and the grayscale version is **E1E1E1**.

A 20% lighter version of the original color is **FFFFB8**, and **91C64C** is the 20% darker color. If you saturate the color by 10%, you get **BFFF68**, and if you desaturate by 10%, it is **D5FF9B**.

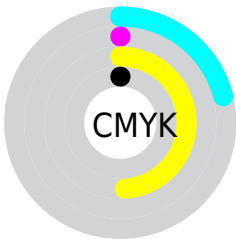
Distribution



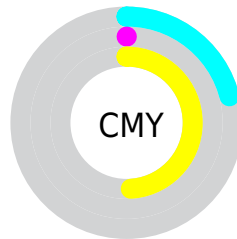
- Red (79%)
- Green (100%)
- Blue (51%)



- Red (51%)
- Yellow (100%)
- Blue (71%)



- Cyan (21%)
- Magenta (0%)
- Yellow (49%)
- Black (0%)



- Cyan (21%)
- Magenta (0%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color CAFF81 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 CAFF81 by changing the saturation by 10% instead.

 CAFF81

 CAFF81

FFFFFF

 ADE266

 FFFFFB8

 91C64C

 FFFFD5

 76AB30

 FFFFF2

 5B9010

 3F7600

 245D00

 004500

 002E00

 001700

 CAFF81

 CAFF81

 BFFF68

 D5FF9B

 B5FF4E

 DFFFB4

 AAFF35

 EAFFCE

 9FFF1B

 F5FFE7

 94FF02

FFFFFF

 94FF00

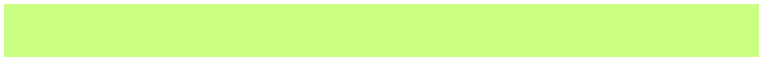
Harmonies

Analogous

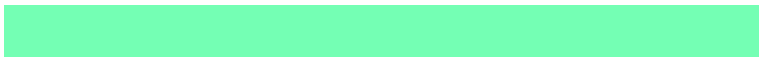
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FFED6B



CAFF81



74FFB4

Triad

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



CAFF81



00FFFF



FFB8E9

Complementary

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



CAFF81



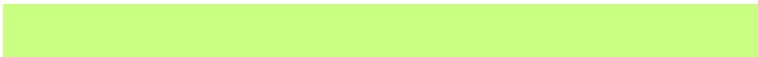
B681FF

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.



FFC3FF



CAFF81



8DF2FF

Square

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



CAFF81



00FFFF



FEDAFF



FFC1AB

Rectangle

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



CAFF81



00FFDF



FEDAFF



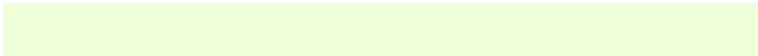
FFBAFE

Sweetspot

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



CAFF81



EFFFD9



FFB681



768069



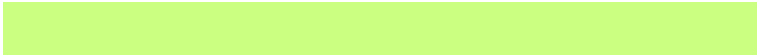
000000



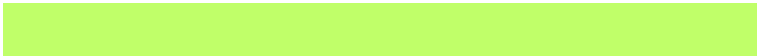
808080

Same Dimension

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



CAFF81



C0FF69



8CFF81



7A8073



6FBF00



254000

Inverse Universe

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



B681FF



A869FF



F481FF



787380



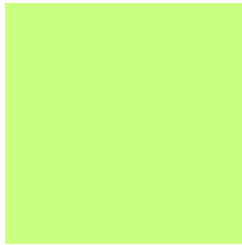
5000BF



1B0040

Previews

White Background



This preview shows how the Hex color CAFF81 looks on a white background.

Color Contrast Check

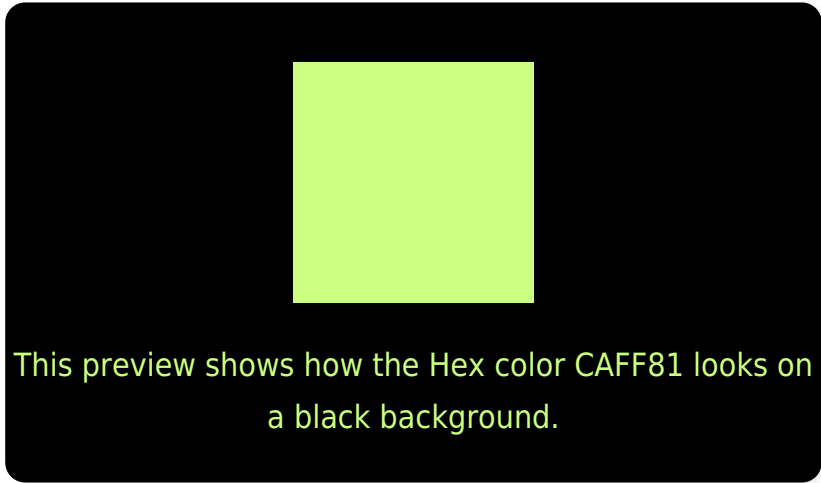
Large Text (above 18pt) WCAG AA × Fail

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 CAFF81 Background



This preview shows how black text looks on a background with the Hex color CAFF81.

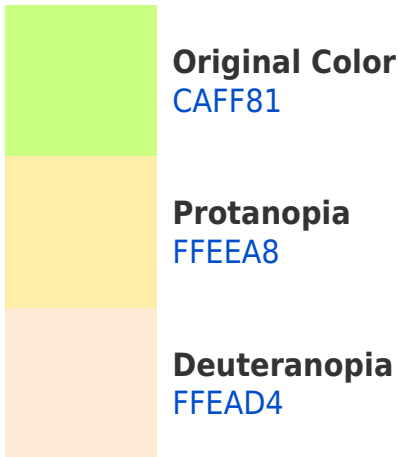


This preview shows how white text looks on a background with the Hex color CAFF81.

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](#).

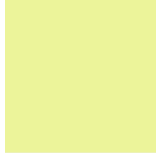
Dichromacy



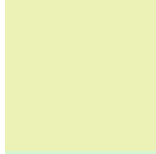
Trichromacy



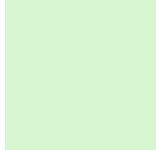
Original Color
CAFF81



Protanomaly
ECF49A

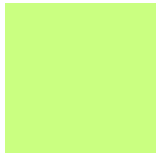


Deuteranomaly
ECF2B6

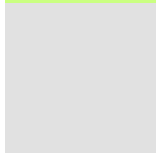


Tritanomaly
D8F5D1

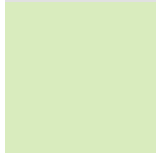
Monochromacy



Original Color
CAFF81



Achromatopsia
E1E1E1



Achromatomaly
D9ECBE

CSS Examples

Text

The CSS property to change the color of the text to Hex CAFF81 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 #CAFF81 looks like.

```
.text, #text, p{  
    color:#CAFF81  
}
```

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 #CAFF81 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CAFF81
}
```

Border

The CSS property to change the border of an element to Hex CAFF81 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
#CAFF81 }
```

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

```
.border{ border-color:#CAFF81 }
```

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

Here you see how a box with a 4 pixel #CAFF81 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CAFF81; -webkit-box-shadow:4px 4px  
4px 4px #CAFF81; box-shadow:4px 4px 4px  
4px #CAFF81 }
```

Background

The CSS property to change the background color of an element to Hex CAFF81 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CAFF81 }
```

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

```
.background{ background-color:#CAFF81 }
```

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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