

Converting Colors

Hex(CAFF69)

Have a look what the booklet for
Hex(CAFF69) contains.

Hex(CAFF69)	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(CAFF69)

Conversions

Conversions Part 1

Format	Color
Hex	CAFF69
RGB	202, 255, 105
RGB Percent	79%, 100%, 41%
CMY	0.2078, 0.0000, 0.5882
CMYK	0.21, 0.00, 0.59, 0.00
HSL	81°, 100%, 71%
HSV	81°, 59%, 100%
XYZ	62.6669, 85.0965, 26.4870
YIQ	222.0530, 16.5620, -57.8860

Conversions

Conversions Part 2

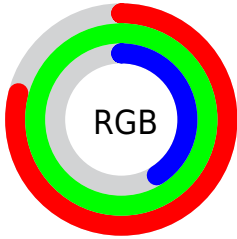
Format	Color
RYB	105, 255, 158
Decimal	13303657
CIELab	93.92, -38.63, 64.68
CIELCh	94, 75.335, 120.851
Yxy	85.0965, 0.3596, 0.4884
Android (android.graphics.Color)	4291493737 (0xFFCAFF69)
YUV	222.0530, -57.7071, -17.5865
Hunter-Lab	92.2478, -40.1727, 47.5496

Details

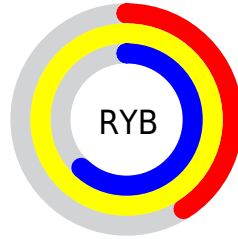
The Hex color **CAFF69** is a light color, and the websafe version is hex **CCFF66**. A complement of this color would be **9E69FF**, and the grayscale version is **DFDFDF**.

A 20% lighter version of the original color is **FFFA1**, and **90C630** is the 20% darker color. If you saturate the color by 10%, you get **C1FF50**, and if you desaturate by 10%, it is **D3FF83**.

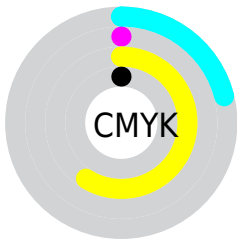
Distribution



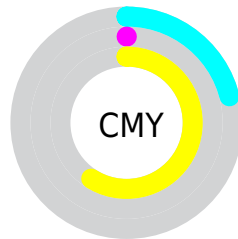
- Red (79%)
- Green (100%)
- Blue (41%)



- Red (41%)
- Yellow (100%)
- Blue (62%)



- Cyan (21%)
- Magenta (0%)
- Yellow (59%)
- Black (0%)



- Cyan (21%)
- Magenta (0%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color CAFF69 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 CAFF69 by changing the saturation by 10% instead.

 CAFF69

 CAFF69

FFFFFF

 ADE24D

 FFFFA1

 90C630

 FFFFBD

 74AB05

 FFFFDA

 589000

 FFFFF8

 3C7600

 1E5D00

 004500

 002E00

 001600

 CAFF69

 CAFF69

 C1FF50

 D3FF83

 B8FF36

 DCFF9C

 AFFF1C

 E5FFB5

 A6FF03

 EEFFCF

 A5FF00

 F7FFE9

FFFFFF

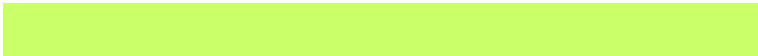
Harmonies

Analogous

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



FFEA52



CAFF69



62FFA3

Triad

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



CAFF69



00FFFF



FFACEE

Complementary

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



CAFF69



9E69FF

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.



FFBCFF



CAFF69



4BF5FF

Square

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



CAFF69



00FFFF



F3DAFF



FFB6A7

Rectangle

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



CAFF69



00FFD4



F3DAFF



FFAFFF

Sweetspot

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



CAFF69



EFFFD1



FF9E69



768063



000000



808080

Same Dimension

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



CAFF69



BFFF4A



7FFF69



7B8073



7CBF00



294000

Inverse Universe

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



9E69FF



8A4AFF



E869FF



777380



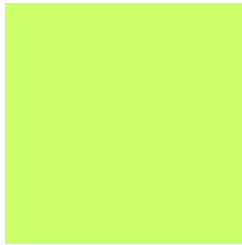
4400BF



170040

Previews

White Background



This preview shows how the Hex color CAFF69 looks on a white background.

Color Contrast Check

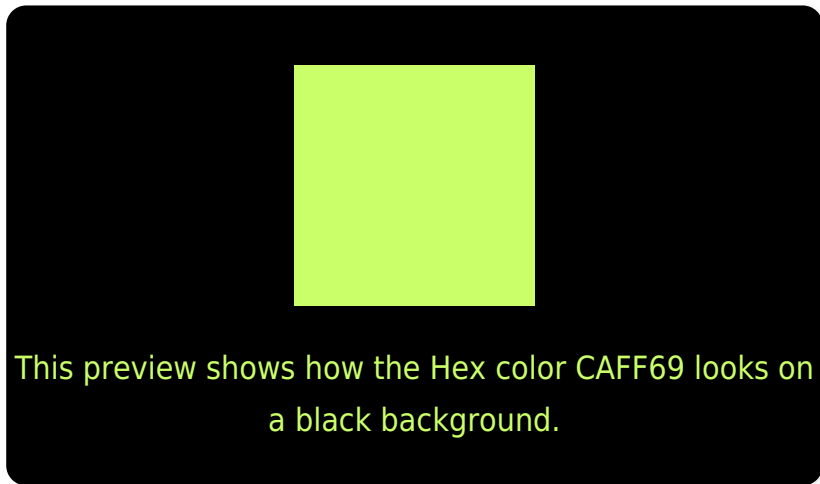
Large Text (above 18pt) WCAG AA × Fail

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 CAFF69 Background



This preview shows how black text looks on a background with the Hex color CAFF69.

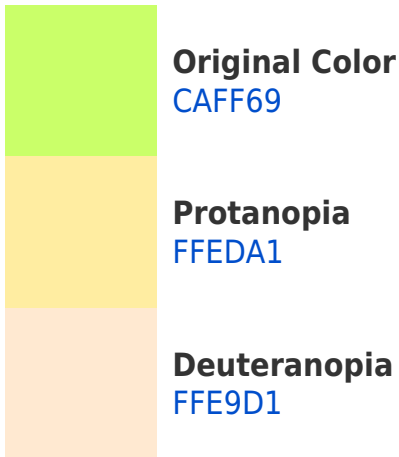


This preview shows how white text looks on a background with the Hex color CAFF69.

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



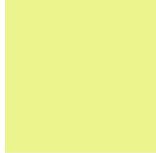


Tritanopia
E0EFFF

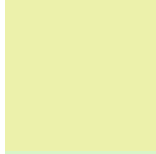
Trichromacy



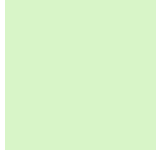
Original Color
CAFF69



Protanomaly
ECF48D

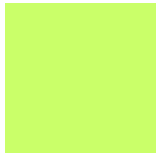


Deuteranomaly
ECF1AB

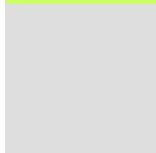


Tritanomaly
D8F5C8

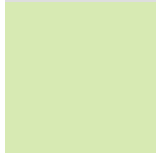
Monochromacy



Original Color
CAFF69



Achromatopsia
DEDEDE



Achromatomaly
D7EAB3

CSS Examples

Text

The CSS property to change the color of the text to Hex CAFF69 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 #CAFF69 looks like.

```
.text, #text, p{  
    color:#CAFF69  
}
```

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 #CAFF69 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CAFF69
}
```

Border

The CSS property to change the border of an element to Hex CAFF69 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
#CAFF69 }
```

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

```
.border{ border-color:#CAFF69 }
```

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

Here you see how a box with a 4 pixel #CAFF69 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CAFF69; -webkit-box-shadow:4px 4px  
4px 4px #CAFF69; box-shadow:4px 4px 4px  
4px #CAFF69 }
```

Background

The CSS property to change the background color of an element to Hex CAFF69 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CAFF69 }
```

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

```
.background{ background-color:#CAFF69 }
```

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