

Converting Colors

Hex(CAF649)

Have a look what the booklet for
Hex(CAF649) contains.

Hex(CAF649)	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(CAF649)

Conversions

Conversions Part 1

Format	Color
Hex	CAF649
RGB	202, 246, 73
RGB Percent	79%, 96%, 29%
CMY	0.2078, 0.0353, 0.7137
CMYK	0.18, 0.00, 0.70, 0.04
HSL	75°, 91%, 63%
HSV	75°, 70%, 96%
XYZ	58.5155, 78.9491, 18.4579
YIQ	213.1220, 29.3090, -63.1310

Conversions

Conversions Part 2

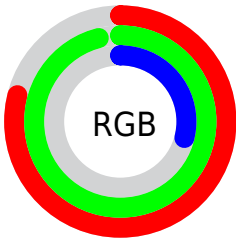
Format	Color
RYB	73, 246, 117
Decimal	13301321
CIELab	91.21, -36.77, 74.16
CIELCh	91, 82.772, 116.372
Yxy	78.9491, 0.3753, 0.5063
Android (android.graphics.Color)	4291491401 (0xFFCAF649)
YUV	213.1220, -69.0801, -9.7540
Hunter-Lab	88.8533, -37.9399, 49.8807

Details

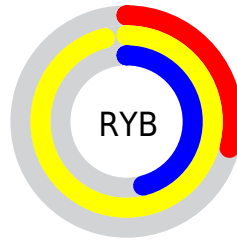
The Hex color **CAF649** is a light color, and the websafe version is hex **CCFF66**. The color can be described as light washed yellow. A complement of this color would be **7549F6**, and the grayscale version is **D6D6D6**.

A 20% lighter version of the original color is **FFFF83**, and **90BE00** is the 20% darker color. If you saturate the color by 10%, you get **C4F630**, and if you desaturate by 10%, it is **D0F662**.

Distribution



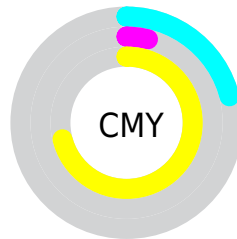
- Red (79%)
- Green (96%)
- Blue (29%)



- Red (29%)
- Yellow (96%)
- Blue (46%)



- Cyan (18%)
- Magenta (0%)
- Yellow (70%)
- Black (4%)



- Cyan (21%)
- Magenta (4%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color CAF649 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 CAF649 by changing the saturation by 10% instead.

 CAF649

 CAF649

FFFFFF

 ADD928

 FFFF83

 90BE00

 FFFFA0

 73A200

 FFFFBD

 578800

 FFFFDA

 3B6E00

 FFFFF8

 1A5600

 003E00

 002800

 000800

 CAF649

 CAF649

 C4F630

 D0F662

 BDF618

 D7F67A

 B7F600

 DDF693

 E3F6AB

 E9F6C4

 F0F6DD

 F6F6F5

 FCF6FF

 FFF6FF

Harmonies

Analogous

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



FFDF35



CAF649



5AFF89

Triad

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



CAF649



00FFFF



FF9BF3

Complementary

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



CAF649



7549F6

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.



FFB2FF



CAF649



00F2FF

Square

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



CAF649



00FFFF



D5D5FF



FFA2A4

Rectangle

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



CAF649



00FFBE



D5D5FF



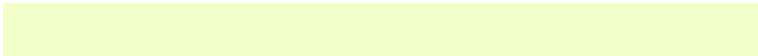
FFA0FF

Sweetspot

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



CAF649



F1FFC9



F67449



778060



000000



808080

Same Dimension

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



CAF649



C9FF29



74F649



777A6E



8BBA00



2C3B00

Inverse Universe

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



7549F6



5F29FF



CB49F6



716E7A



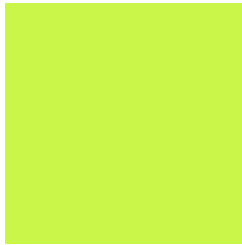
2F00BA



0F003B

Previews

White Background



This preview shows how the Hex color CAF649 looks on a white background.

Color Contrast Check

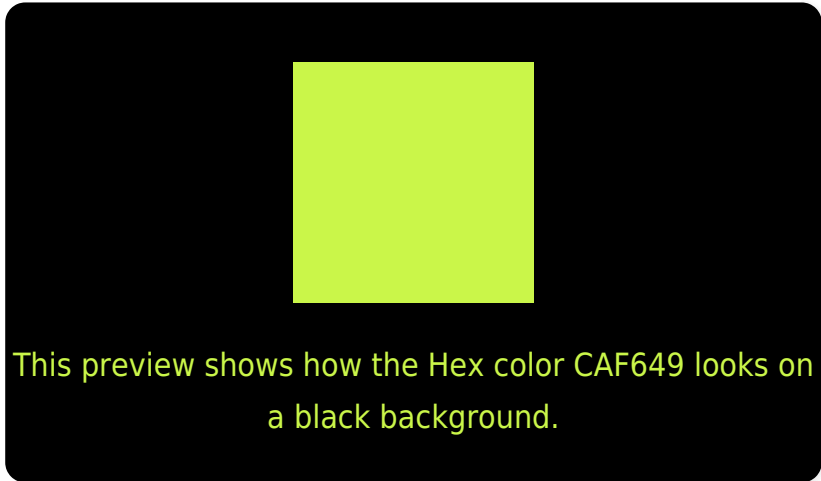
Large Text (above 18pt) WCAG AA × Fail

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 CAF649 Background



This preview shows how black text looks on a background with the Hex color CAF649.

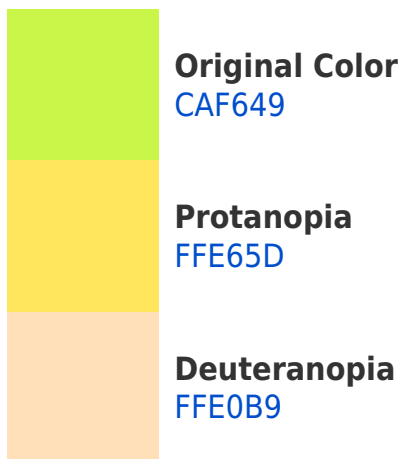


This preview shows how white text looks on a background with the Hex color CAF649.

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](#).

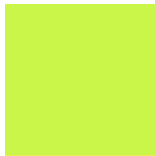
Dichromacy



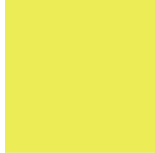


Tritanopia
DDE6F8

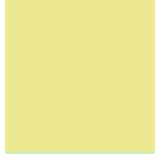
Trichromacy



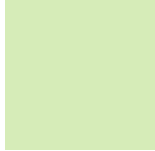
Original Color
CAF649



Protanomaly
ECEC56



Deuteranomaly
ECE890

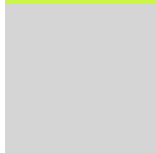


Tritanomaly
D6ECB8

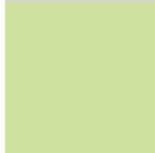
Monochromacy



Original Color
CAF649



Achromatopsia
D5D5D5



Achromatomaly
D1E1A2

CSS Examples

Text

The CSS property to change the color of the text to Hex CAF649 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 #CAF649 looks like.

```
.text, #text, p{  
    color:#CAF649  
}
```

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 #CAF649 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CAF649
}
```

Border

The CSS property to change the border of an element to Hex CAF649 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
#CAF649 }
```

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

```
.border{ border-color:#CAF649 }
```

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

Here you see how a box with a 4 pixel #CAF649 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CAF649; -webkit-box-shadow:4px 4px  
4px 4px #CAF649; box-shadow:4px 4px 4px  
4px #CAF649 }
```

Background

The CSS property to change the background color of an element to Hex CAF649 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CAF649 }
```

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

```
.background{ background-color:#CAF649 }
```

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