

# Converting Colors

Hex(CAF66F)

Have a look what the booklet for  
Hex(CAF66F) contains.

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# Color

**Hex(CAF66F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CAF66F
RGB	202, 246, 111
RGB Percent	79%, 96%, 44%
CMY	0.2078, 0.0353, 0.5647
CMYK	0.18, 0.00, 0.55, 0.04
HSL	80°, 88%, 70%
HSV	80°, 55%, 96%
XYZ	60.1821, 79.6158, 27.2344
YIQ	217.4540, 17.1110, -51.3130

# Conversions

## Conversions Part 2

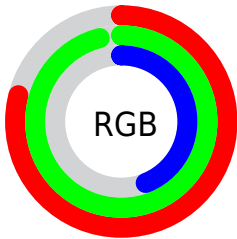
Format	Color
<a href="#">RYB</a>	<a href="#">111, 246, 155</a>
Decimal	<a href="#">13301359</a>
CIELab	<a href="#">91.51, -34.06, 59.35</a>
CIELCh	<a href="#">92, 68.433, 119.852</a>
Yxy	<a href="#">79.6158, 0.3603, 0.4766</a>
Android (android.graphics.Color)	<a href="#">4291491439</a> ( <a href="#">0xFFCAF66F</a> )
YUV	<a href="#">217.4540, -52.4818, -13.5532</a>
Hunter-Lab	<a href="#">89.2277, -35.7541, 44.3627</a>

# Details

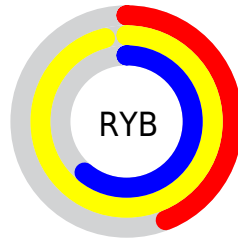
The Hex color **CAF66F** is a light color, and the websafe version is hex **CCFF66**. A complement of this color would be **9B6FF6**, and the grayscale version is **DADADA**.

A 20% lighter version of the original color is **FFFA6**, and **91BE38** is the 20% darker color. If you saturate the color by 10%, you get **C2F656**, and if you desaturate by 10%, it is **D2F688**.

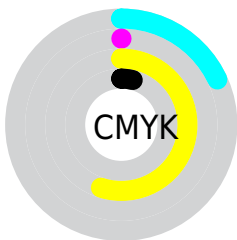
# Distribution



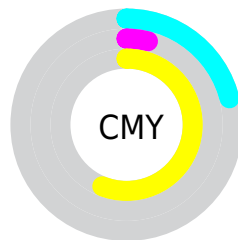
- Red (79%)
- Green (96%)
- Blue (44%)



- Red (44%)
- Yellow (96%)
- Blue (61%)



- Cyan (18%)
- Magenta (0%)
- Yellow (55%)
- Black (4%)



- Cyan (21%)
- Magenta (4%)
- Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CAF66F 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 CAF66F by changing the saturation by 10% instead.



 CAF66F

 CAF66F

FFFFFF

 ADD954

 FFFFA6

 91BE38

 FFFFC2

 75A219

 FFFFDF

 5A8800

FFFFFFD

 3F6E00

 235600

 003E00

 002800

 000A00

 CAF66F

 CAF66F

 C2F656

 D2F688

 BAF63E

 DAF6A0

 B2F625

 E2F6B9

 AAF60D

 EAF6D1

 A6F600

 F2F6EA

 FAF6FF

 FFF6FF

# Harmonies

## Analogous

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



FFE35D



CAF66F



73FFA2

# Triad

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



CAF66F



00FEFF



FFAEEA

# Complementary

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



CAF66F



9B6FF6

# 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



CAF66F



60EEFF

# Square

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



CAF66F



00FFFF



E9D6FF



FFB5A9

# Rectangle

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



CAF66F



00FFCD



E9D6FF



FFB0FF



# Sweetspot

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



CAF66F



F2FFD6



F69A6F



788067



000000



808080



# Same Dimension

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



CAF66F



C8FF57



88F66F



767A6E



7DBA00



283B00



# Inverse Universe

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



9B6FF6



8E57FF



DD6FF6



726E7A



3D00BA

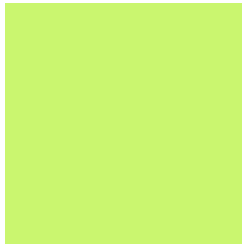


13003B



# Previews

## White Background



This preview shows how the Hex color CAF66F looks on a white background.

## Color Contrast Check

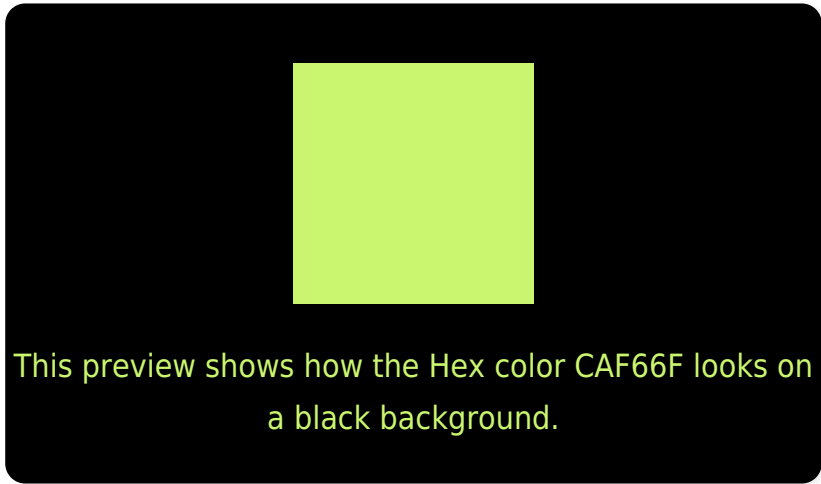
Large Text (above 18pt) WCAG AA × Fail

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 CAF66F Background



This preview shows how black text looks on a background with the Hex color CAF66F.

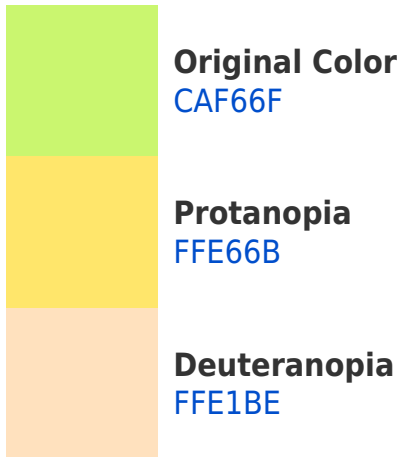


This preview shows how white text looks on a background with the Hex color CAF66F.

# 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](#).

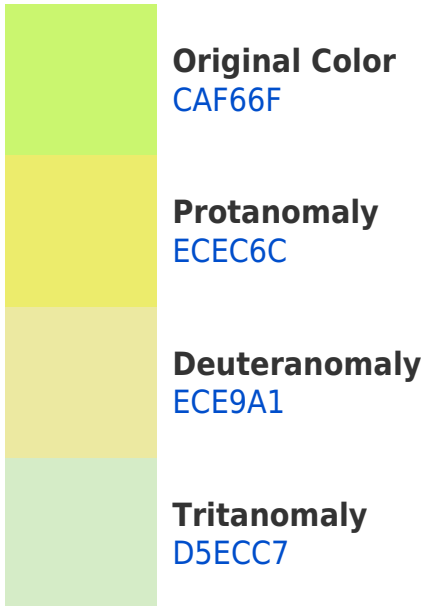
## Dichromacy



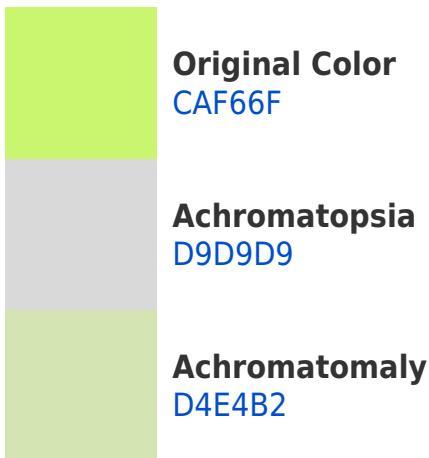


**Tritanopia**  
DBE7FA

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CAF66F 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 #CAF66F looks like.

```
.text, #text, p{  
    color:#CAF66F  
}
```

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 #CAF66F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CAF66F
}
```

## Border

The CSS property to change the border of an element to Hex CAF66F 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
#CAF66F }
```

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

```
.border{ border-color:#CAF66F }
```

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

Here you see how a box with a 4 pixel #CAF66F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CAF66F; -webkit-box-shadow:4px 4px  
4px 4px #CAF66F; box-shadow:4px 4px 4px  
4px #CAF66F }
```

# Background

The CSS property to change the background color of an element to Hex CAF66F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CAF66F }
```

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

```
.background{ background-color:#CAF66F }
```

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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