

Converting Colors

Hex(FFCA68)

Have a look what the booklet for
Hex(FFCA68) contains.

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Color

Hex(FFCA68)

Conversions

Conversions Part 1

Format	Color
Hex	FFCA68
RGB	255, 202, 104
RGB Percent	100%, 79%, 41%
CMY	0.0000, 0.2078, 0.5922
CMYK	0.00, 0.21, 0.59, 0.00
HSL	39°, 100%, 70%
HSV	39°, 59%, 100%
XYZ	64.8592, 64.5005, 22.1281
YIQ	206.6750, 63.0460, -19.2420

Conversions

Conversions Part 2

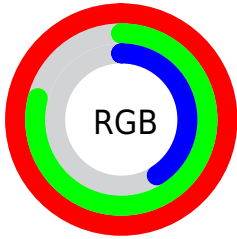
Format	Color
RYB	186, 255, 104
Decimal	16763496
CIELab	84.23, 8.19, 55.22
CIELCh	84, 55.820, 81.563
Yxy	64.5005, 0.4281, 0.4258
Android (android.graphics.Color)	4294953576 (0xFFFFCA68)
YUV	206.6750, -50.6188, 42.3810
Hunter-Lab	80.3122, 3.6081, 39.8826

Details

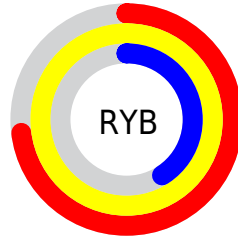
The Hex color **FFCA68** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **689DFF**, and the grayscale version is **CFCFCF**.

A 20% lighter version of the original color is **FFFF9E**, and **C39434** is the 20% darker color. If you saturate the color by 10%, you get **FFC14F**, and if you desaturate by 10%, it is **FFD382**.

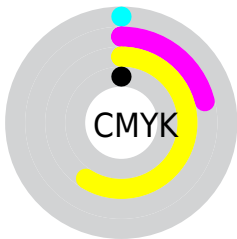
Distribution



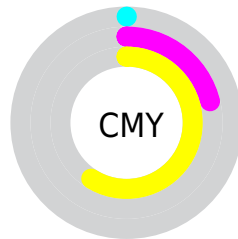
- Red (100%)
- Green (79%)
- Blue (41%)



- Red (73%)
- Yellow (100%)
- Blue (41%)



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



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

Brightness & Saturation Gradients

These gradients show how the Hex color FFCA68 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 FFCA68 by changing the saturation by 10% instead.

 FFCA68

 FFCA68

FFFFFF

 E1AF4E

 FFFF9E

 C39434

 FFFFB9

 A67B17

 FFFFD6

 896200

 FFFFF3

 6D4A00

 523400

 371F00

 1F0800

 000000

 FFCA68

 FFCA68

 FFC14F

 FFD382

 FFB835

 FFDC9B

 FFAF1B

 FFE5B4

 FFA602

 FFEECE

 FFA500

 FFF7E8

FFFFFF

Harmonies

Analogous

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



FFB781



FFCA68



CCDB6D

Triad

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



FFCA68



00EDF7



FFB6FF

Complementary

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



FFCA68



689DFF

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.



BFCAFF



FFCA68



00E8FF

Square

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



FFCA68



2BECC1



50DCFF



FFA8E3

Rectangle

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



FFCA68



A5E381



50DCFF



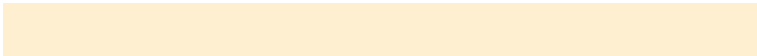
F1BCFF

Sweetspot

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



FFCA68



FFEFD1



FF689F



807663



000000



808080

Same Dimension

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



FFCA68



FFBF4A



EBFF68



807B73



BF7C00



402900

Inverse Universe

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



689DFF



4A89FF



7C68FF



737780



0043BF



001640

Previews

White Background



This preview shows how the Hex color FFCA68 looks on a white background.

Color Contrast Check

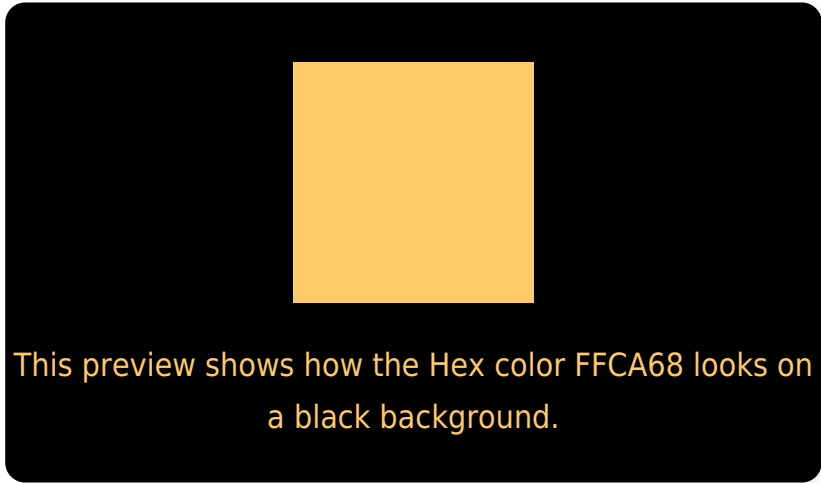
Large Text (above 18pt) WCAG AA × Fail

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 FFCA68 Background



This preview shows how black text looks on a background with the Hex color FFCA68.

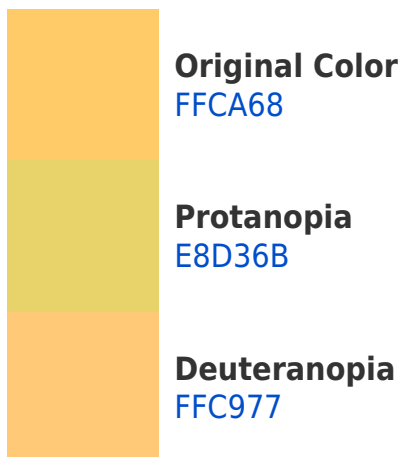


This preview shows how white text looks on a background with the Hex color FFCA68.

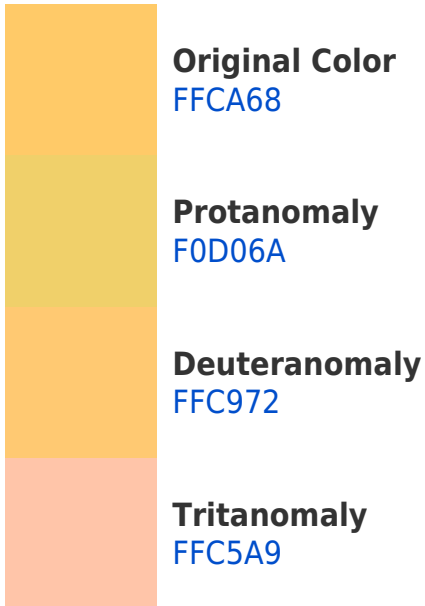
Color Blindness Simulation

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](#).

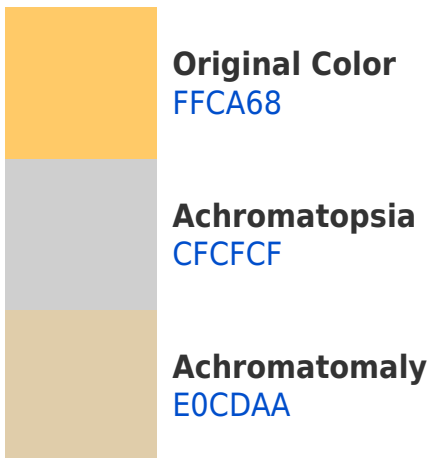
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex FFCA68 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 #FFCA68 looks like.

```
.text, #text, p{  
    color:#FFCA68  
}
```

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 #FFCA68 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFCA68  
}
```

Border

The CSS property to change the border of an element to Hex FFCA68 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  
#FFCA68 }
```

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

```
.border{ border-color:#FFCA68 }
```

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

Here you see how a box with a 4 pixel #FFCA68 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFCA68; -webkit-box-shadow:4px 4px  
4px 4px #FFCA68; box-shadow:4px 4px 4px  
4px #FFCA68 }
```

Background

The CSS property to change the background color of an element to Hex FFCA68 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFCA68 }
```

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

```
.background{ background-color:#FFCA68 }
```

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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