

# Converting Colors

Hex(FFC96B)

Have a look what the booklet for  
Hex(FFC96B) contains.

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# **Color**

**Hex(FFC96B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFC96B
RGB	255, 201, 107
RGB Percent	100%, 79%, 42%
CMY	0.0000, 0.2118, 0.5804
CMYK	0.00, 0.21, 0.58, 0.00
HSL	38°, 100%, 71%
HSV	38°, 58%, 100%
XYZ	64.7805, 64.0948, 22.8672
YIQ	206.4300, 62.3580, -17.7860

# Conversions

## Conversions Part 2

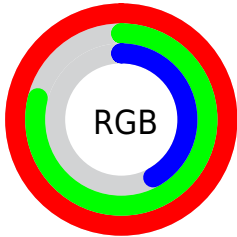
Format	Color
<a href="#">RYB</a>	<a href="#">192, 255, 107</a>
Decimal	<a href="#">16763243</a>
CIELab	<a href="#">84.02, 8.92, 53.56</a>
CIELCh	<a href="#">84, 54.296, 80.544</a>
Yxy	<a href="#">64.0948, 0.4269, 0.4224</a>
Android (android.graphics.Color)	<a href="#">4294953323</a> ( <a href="#">0xFFFFC96B</a> )
YUV	<a href="#">206.4300, -49.0190, 42.5959</a>
Hunter-Lab	<a href="#">80.0592, 4.3308, 39.1066</a>

# Details

The Hex color **FFC96B** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **6BA1FF**, and the grayscale version is **CFCFCF**.

A 20% lighter version of the original color is **FFFA1**, and **C39337** is the 20% darker color. If you saturate the color by 10%, you get **FFC052**, and if you desaturate by 10%, it is **FFD285**.

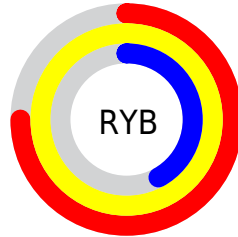
# Distribution



Red (100%)

Green (79%)

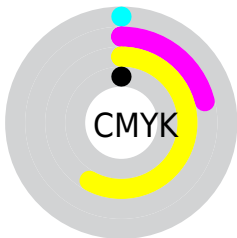
Blue (42%)



Red (75%)

Yellow (100%)

Blue (42%)

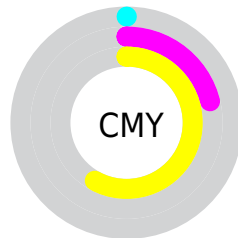


Cyan (0%)

Magenta (21%)

Yellow (58%)

Black (0%)



Cyan (0%)

Magenta (21%)

Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FFC96B 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 FFC96B by changing the saturation by 10% instead.



 FFC96B

 FFC96B

FFFFFF

 E1AE51

 FFFFA1

 C39337

 FFFFBC

 A67A1C

 FFFFD9

 896100

 FFFFF6

 6D4900

 523300

 371E00

 1F0700

 000000

 FFC96B

 FFC96B

 FFC052

 FFD285

 FFB638

 FFDC9E

 FFAD1F

 FFE5B8

 FFA405

 FFEED1

 FFA200

 FFF8EB

FFFFFF

# Harmonies

## Analogous

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



FFB784



FFC96B



CED96F

# Triad

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



FFC96B



00ECF4



FFB7FF

# Complementary

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



FFC96B



6BA1FF

# 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.



BDCAFF



FFC96B



00E7FF

# Square

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



FFC96B



3BE6BF



53DCFF



FFA9E4

# Rectangle

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



FFC96B



A8E281



53DCFF



EEBDFE

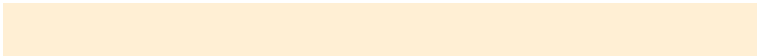


# Sweetspot

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



FFC96B



FFEFD4



FF6BA1



807666



000000



808080



# Same Dimension

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



FFC96B



FFBE4D



EBFF6B



807B73



BF7900



402800



# Inverse Universe

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



6BA1FF



4D8EFF



7F6BFF



737780



0046BF



001740



# Previews

## White Background



This preview shows how the Hex color FFC96B looks on a white background.

## Color Contrast Check

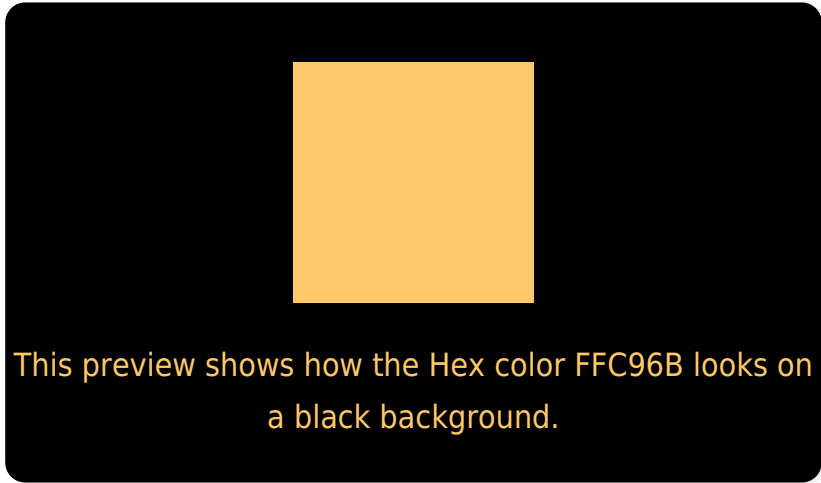
Large Text (above 18pt) WCAG AA × Fail

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 FFC96B Background



This preview shows how black text looks on a background with the Hex color FFC96B.

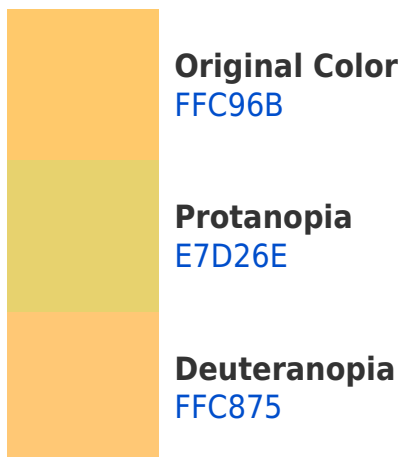


This preview shows how white text looks on a background with the Hex color FFC96B.

# 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](#).

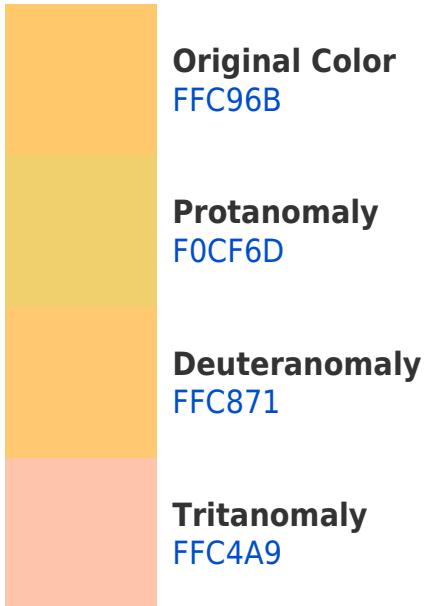
## Dichromacy



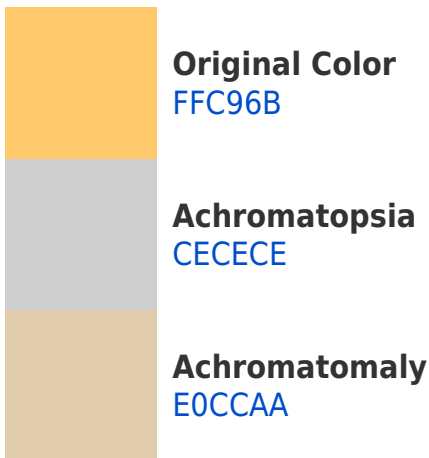


**Tritanopia**  
FFC1CD

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex FFC96B 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 #FFC96B looks like.

```
.text, #text, p{  
    color:#FFC96B  
}
```

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 #FFC96B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFC96B
}
```

## Border

The CSS property to change the border of an element to Hex FFC96B 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
#FFC96B }
```

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

```
.border{ border-color:#FFC96B }
```

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

Here you see how a box with a 4 pixel #FFC96B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFC96B; -webkit-box-shadow:4px 4px  
4px 4px #FFC96B; box-shadow:4px 4px 4px  
4px #FFC96B }
```

# Background

The CSS property to change the background color of an element to Hex FFC96B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFC96B }
```

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

```
.background{ background-color:#FFC96B }
```

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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