

Converting Colors

Hex(FFC86D)

Have a look what the booklet for
Hex(FFC86D) contains.

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Color

Hex(FFC86D)

Conversions

Conversions Part 1

Format	Color
Hex	FFC86D
RGB	255, 200, 109
RGB Percent	100%, 78%, 43%
CMY	0.0000, 0.2157, 0.5725
CMYK	0.00, 0.22, 0.57, 0.00
HSL	37°, 100%, 71%
HSV	37°, 57%, 100%
XYZ	64.6546, 63.6727, 23.3504
YIQ	206.0710, 61.9910, -16.6410

Conversions

Conversions Part 2

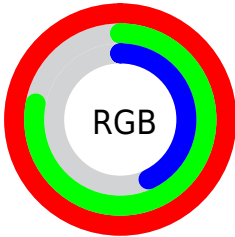
Format	Color
RYB	197, 255, 109
Decimal	16762989
CIELab	83.80, 9.58, 52.35
CIELCh	84, 53.217, 79.626
Yxy	63.6727, 0.4263, 0.4198
Android (android.graphics.Color)	4294953069 (0xFFFFC86D)
YUV	206.0710, -47.8560, 42.9107
Hunter-Lab	79.7952, 4.9893, 38.5066

Details

The Hex color **FFC86D** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **6DA4FF**, and the grayscale version is **CECECE**.

A 20% lighter version of the original color is **FFFA3**, and **C39239** is the 20% darker color. If you saturate the color by 10%, you get **FFBE54**, and if you desaturate by 10%, it is **FFD287**.

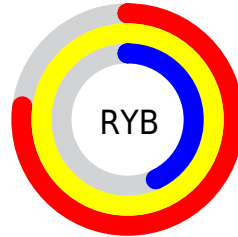
Distribution



Red (100%)

Green (78%)

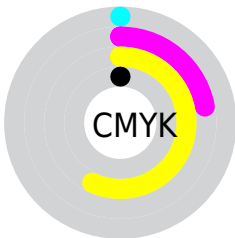
Blue (43%)



Red (77%)

Yellow (100%)

Blue (43%)

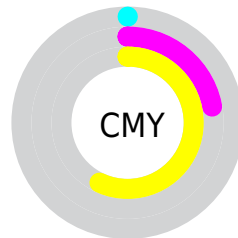


Cyan (0%)

Magenta (22%)

Yellow (57%)

Black (0%)



Cyan (0%)

Magenta (22%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color FFC86D 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 FFC86D by changing the saturation by 10% instead.

 FFC86D

 FFC86D

FFFFFF

 E1AD53

 FFFFA3

 C39239

 FFFFBE

 A6791F

 FFFFDB

 896000

 FFFFF8

 6D4800

 523200

 371D00

 1F0600

 000000

 FFC86D

 FFC86D

 FFBE54

 FFD287

 FF53A

 FFDBA0

 FFAB21

 FFE5BA

 FFA207

 FFEED3

 FF9F00

 FFF8ED

FFFFFF

Harmonies

Analogous

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



FFB686



FFC86D



CFD870

Triad

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



FFC86D



00EBF1



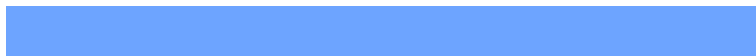
FEB7FF

Complementary

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



FFC86D



6DA4FF

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.



BACAFF



FFC86D



00E6FF

Square

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



FFC86D



45EABD



53DBFF



FFAAE5

Rectangle

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



FFC86D



AAE081



53DBFF



EBBEFF

Sweetspot

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



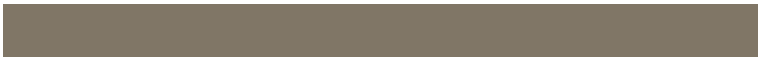
FFC86D



FFEFD4



FF6DA5



807666



000000



808080

Same Dimension

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



FFC86D



FFBD4F



EEFF6D



807B73



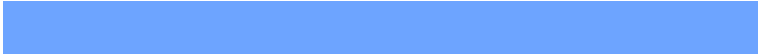
BF7700



402800

Inverse Universe

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



6DA4FF



4F91FF



7E6DFF



737880



0048BF



001840

Previews

White Background



This preview shows how the Hex color FFC86D looks on a white background.

Color Contrast Check

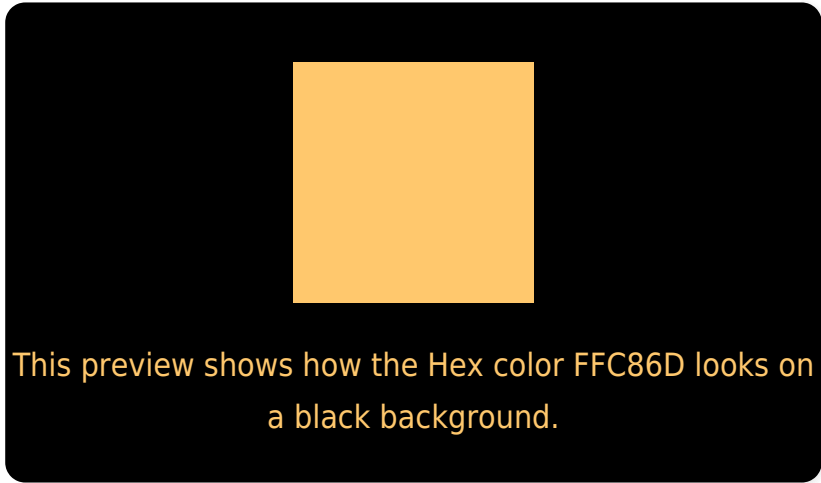
Large Text (above 18pt) WCAG AA × Fail

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 FFC86D Background



This preview shows how black text looks on a background with the Hex color FFC86D.

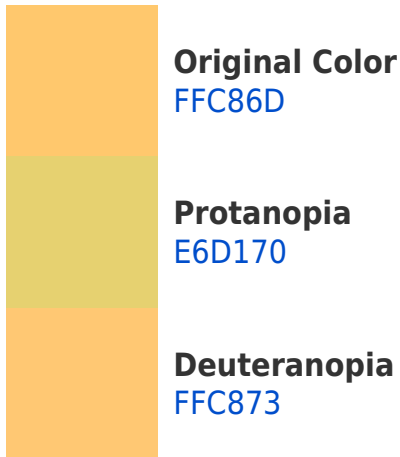


This preview shows how white text looks on a background with the Hex color FFC86D.

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](#).

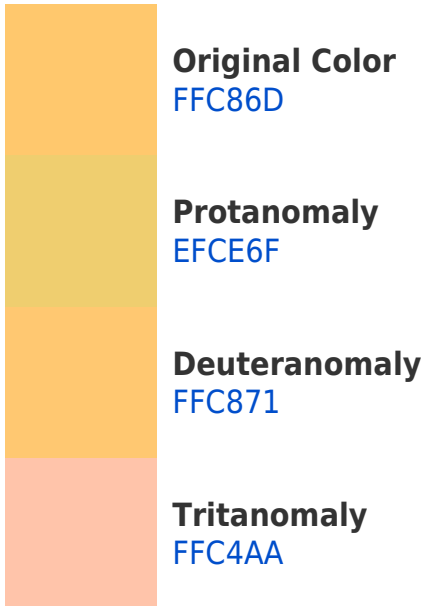
Dichromacy



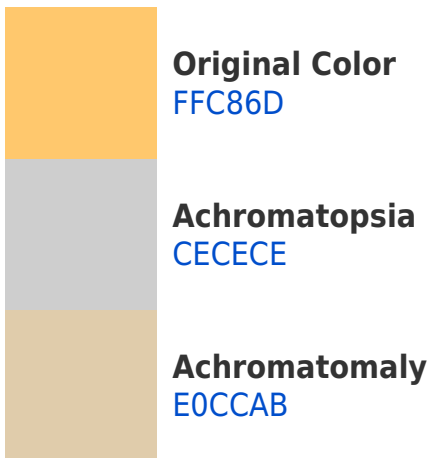


Tritanopia
FFC1CD

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex FFC86D 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 #FFC86D looks like.

```
.text, #text, p{  
    color:#FFC86D  
}
```

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 #FFC86D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFC86D
}
```

Border

The CSS property to change the border of an element to Hex FFC86D 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
#FFC86D }
```

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

```
.border{ border-color:#FFC86D }
```

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

Here you see how a box with a 4 pixel #FFC86D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFC86D; -webkit-box-shadow:4px 4px  
4px 4px #FFC86D; box-shadow:4px 4px 4px  
4px #FFC86D }
```

Background

The CSS property to change the background color of an element to Hex FFC86D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFC86D }
```

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

```
.background{ background-color:#FFC86D }
```

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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