

Converting Colors

Hex(FFC786)

Have a look what the booklet for
Hex(FFC786) contains.

Hex(FFC786)	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(FFC786)

Conversions

Conversions Part 1

Format	Color
Hex	FFC786
RGB	255, 199, 134
RGB Percent	100%, 78%, 53%
CMY	0.0000, 0.2196, 0.4745
CMYK	0.00, 0.22, 0.47, 0.00
HSL	32°, 100%, 76%
HSV	32°, 47%, 100%
XYZ	65.9665, 63.8281, 31.3975
YIQ	208.3340, 54.2410, -8.3430

Conversions

Conversions Part 2

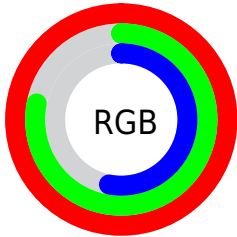
Format	Color
RYB	238, 255, 134
Decimal	16762758
CIELab	83.88, 12.19, 40.07
CIELCh	84, 41.881, 73.081
Yxy	63.8281, 0.4092, 0.3960
Android (android.graphics.Color)	4294952838 (0xFFFFC786)
YUV	208.3340, -36.6467, 40.9261
Hunter-Lab	79.8925, 7.5740, 32.6239

Details

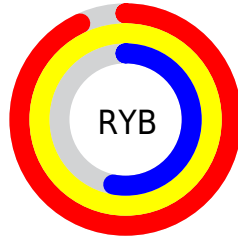
The Hex color **FFC786** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **86BEFF**, and the grayscale version is **D1D1D1**.

A 20% lighter version of the original color is **FFFBC**, and **C49153** is the 20% darker color. If you saturate the color by 10%, you get **FFBB6D**, and if you desaturate by 10%, it is **FFD3A0**.

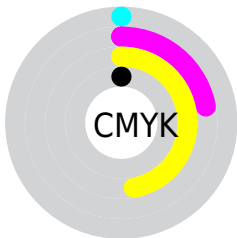
Distribution



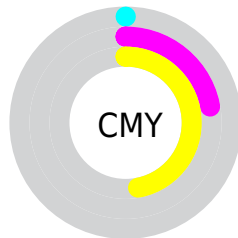
- Red (100%)
- Green (78%)
- Blue (53%)



- Red (93%)
- Yellow (100%)
- Blue (53%)



- Cyan (0%)
- Magenta (22%)
- Yellow (47%)
- Black (0%)



- Cyan (0%)
- Magenta (22%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color FFC786 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 FFC786 by changing the saturation by 10% instead.

 FFC786

 FFC786

FFFFFF

 E1AC6C

 FFFFBC

 C49153

 FFFFD8

 A7783B

 FFFFF5

 8B5F23

 6F4709

 553100

 3A1C00

 220400

 000000

 FFC786

 FFC786

 FFBB6D

 FFD3A0

 FFAF53

 FFDFB9

 FFA43A

 FFEAD3

 FF9820

 FFF6EC

 FF8C07

FFFFFF

 FF8900

Harmonies

Analogous

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



FFBA9D



FFC786



DAD483

Triad

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



FFC786



4BE6E2



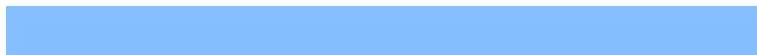
ECC1FF

Complementary

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



FFC786



86BEFF

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.



B5CFFF



FFC786



3CE3FF

Square

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



FFC786



7EE5B9



74DCFF



FFB6E9

Rectangle

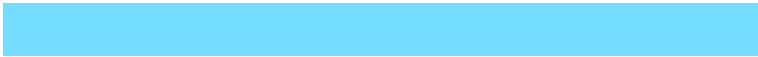
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



FFC786



BEDC8E



74DCFF



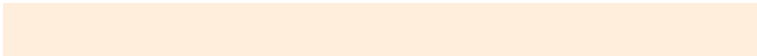
DBC5FF

Sweetspot

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



FFC786



FFEEDB



FF86BE



80756A



000000



808080

Same Dimension

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



FFC786



FFBC6E



FBFF86



807A73



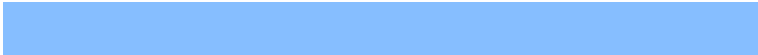
BF6700



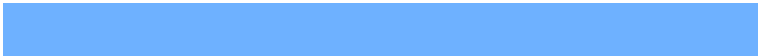
402200

Inverse Universe

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



86BEFF



6EB1FF



8A86FF



737980



0059BF



001E40

Previews

White Background



This preview shows how the Hex color FFC786 looks on a white background.

Color Contrast Check

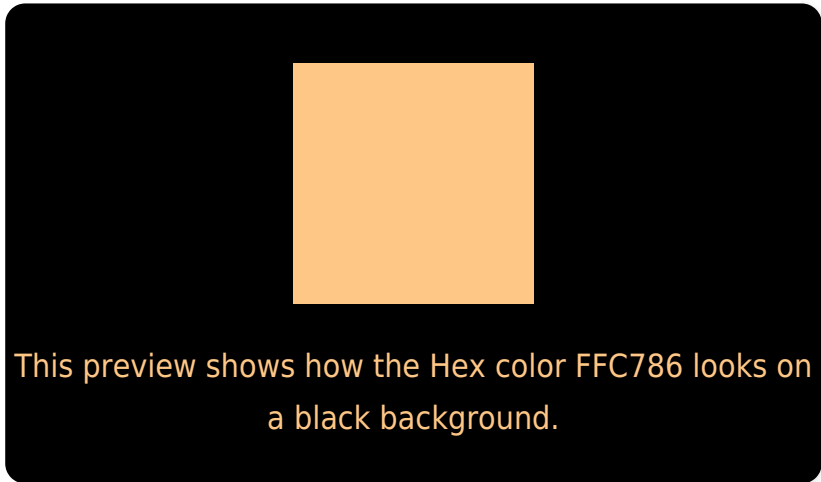
Large Text (above 18pt) WCAG AA × Fail

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 FFC786 Background



This preview shows how black text looks on a background with the Hex color FFC786.

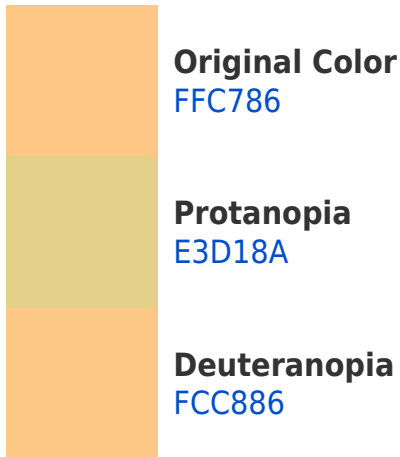


This preview shows how white text looks on a background with the Hex color FFC786.

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](#).

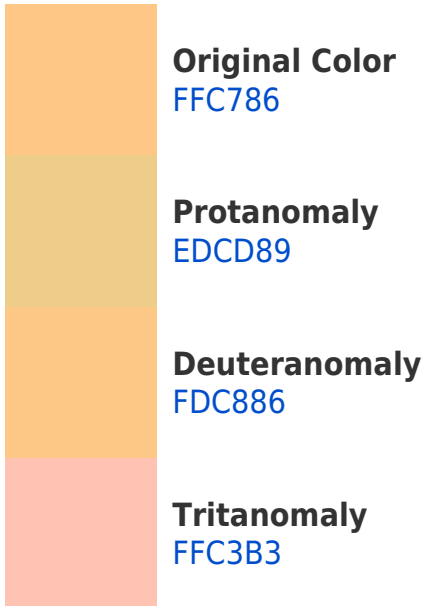
Dichromacy



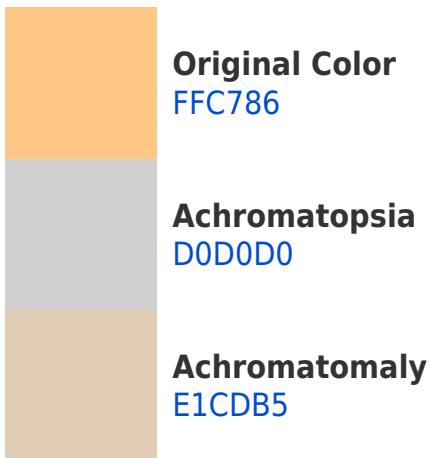


Tritanopia
FFC1CD

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex FFC786 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 #FFC786 looks like.

```
.text, #text, p{  
    color:#FFC786  
}
```

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 #FFC786 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFC786
}
```

Border

The CSS property to change the border of an element to Hex FFC786 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
#FFC786 }
```

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

```
.border{ border-color:#FFC786 }
```

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

Here you see how a box with a 4 pixel #FFC786 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFC786; -webkit-box-shadow:4px 4px  
4px 4px #FFC786; box-shadow:4px 4px 4px  
4px #FFC786 }
```

Background

The CSS property to change the background color of an element to Hex FFC786 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFC786 }
```

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

```
.background{ background-color:#FFC786 }
```

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