

# Converting Colors

Hex(FFC983)

Have a look what the booklet for  
Hex(FFC983) contains.

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# **Color**

**Hex(FFC983)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFC983
RGB	255, 201, 131
RGB Percent	100%, 79%, 51%
CMY	0.0000, 0.2118, 0.4863
CMYK	0.00, 0.21, 0.49, 0.00
HSL	34°, 100%, 76%
HSV	34°, 49%, 100%
XYZ	66.2234, 64.6720, 30.4653
YIQ	209.1660, 54.6540, -10.3220

# Conversions

## Conversions Part 2

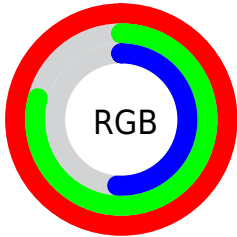
Format	Color
<b>R<sub>YB</sub></b>	227, 255, 131
Decimal	16763267
CIE Lab	84.31, 10.87, 42.14
CIE LCh	84, 43.525, 75.534
Yxy	64.6720, 0.4104, 0.4008
Android (android.graphics.Color)	4294953347 (0xFFFFC983)
YUV	209.1660, -38.5358, 40.1964
Hunter-Lab	80.4189, 6.2582, 33.8322

# Details

The Hex color **FFC983** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **83B9FF**, and the grayscale version is **D1D1D1**.

A 20% lighter version of the original color is **FFFFB9**, and **C49350** is the 20% darker color. If you saturate the color by 10%, you get **FFBE6A**, and if you desaturate by 10%, it is **FFD49C**.

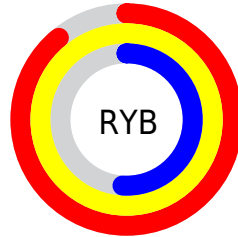
# Distribution



Red (100%)

Green (79%)

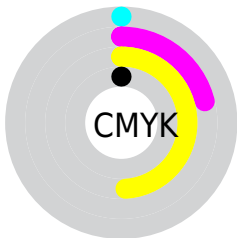
Blue (51%)



Red (89%)

Yellow (100%)

Blue (51%)

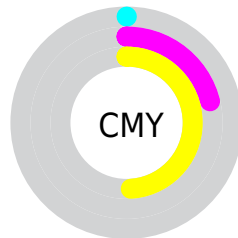


Cyan (0%)

Magenta (21%)

Yellow (49%)

Black (0%)



Cyan (0%)

Magenta (21%)

Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FFC983 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 FFC983 by changing the saturation by 10% instead.



 FFC983

 FFC983

FFFFFF

 E1AE69

 FFFFB9

 C49350

 FFFFD5

 A77937

 FFFFF2

 8B611F

 6F4904

 553200

 3A1D00

 220700

 000000

 FFC983

 FFC983

 FFBE6A

 FFD49C

 FFB350

 FFDFB6

 FFA837

 FFEAD0

 FF9D1D

 FFF5E9

 FF9104

FFFFFF

 FF9000

# Harmonies

## Analogous

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



FFBB9A



FFC983



D8D782

# Triad

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



FFC983



3CE8E7



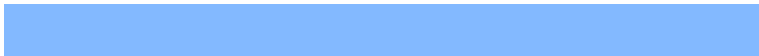
F2C0FF

# Complementary

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



FFC983



83B9FF

# 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.



BACFFF



FFC983



30E5FF

# Square

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



FFC983



76E7BC



74DCFF



FFB5E8

# Rectangle

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



FFC983



BADE8E



74DCFF



E1C5FF

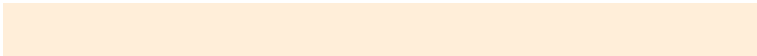


# Sweetspot

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



FFC983



FFEED9



FF83BB



807669



000000



808080



# Same Dimension

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



FFC983



FFBF6B



F9FF83



807A73



BF6C00

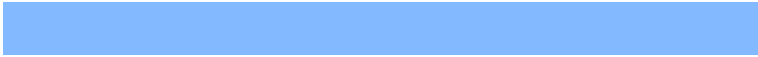


402400

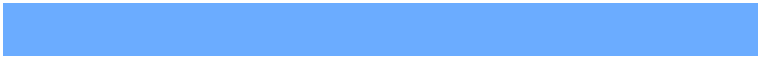


# Inverse Universe

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



83B9FF



6BACFF



8983FF



737880



0053BF



001C40



# Previews

## White Background



This preview shows how the Hex color FFC983 looks on a white background.

## Color Contrast Check

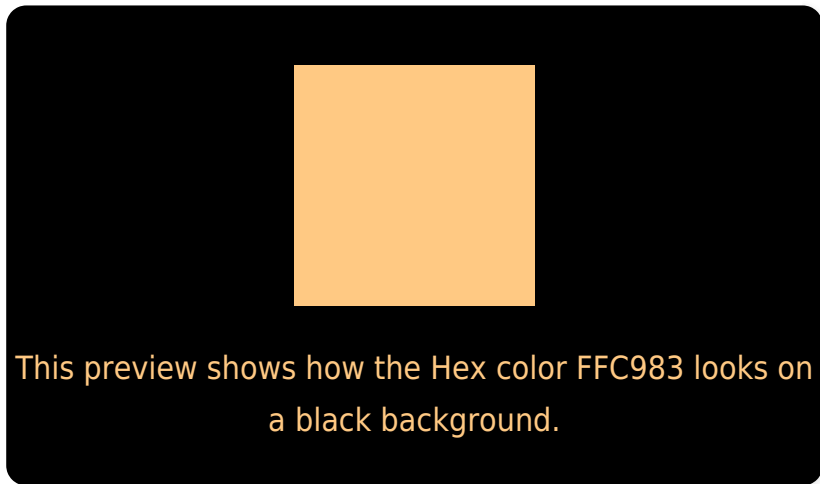
Large Text (above 18pt) WCAG AA × Fail

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 FFC983 Background



This preview shows how black text looks on a background with the Hex color FFC983.

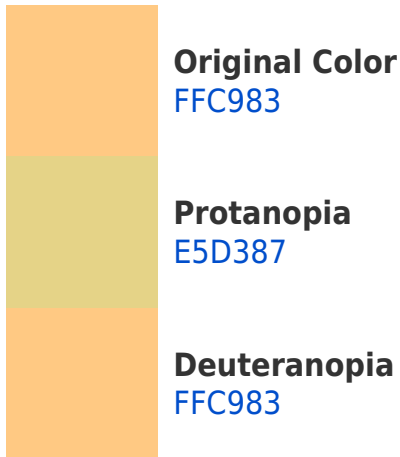


This preview shows how white text looks on a background with the Hex color FFC983.

# 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](#).

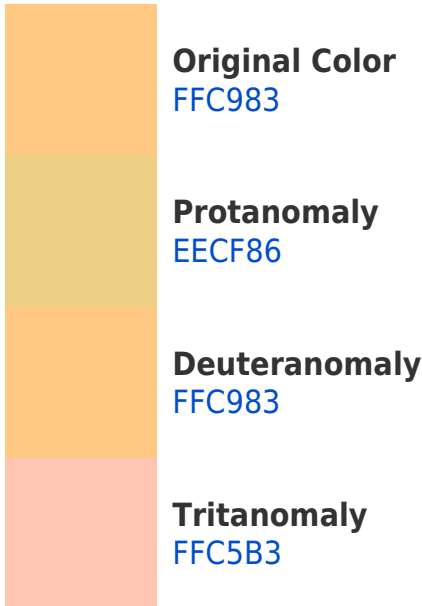
## Dichromacy



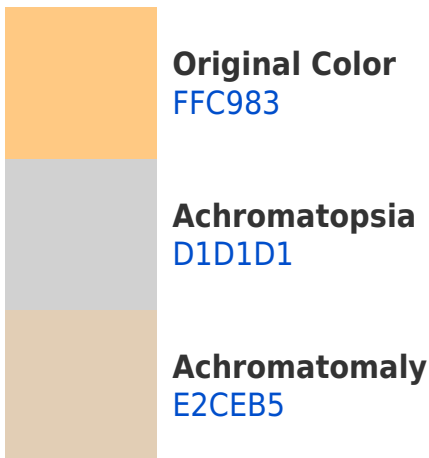


**Tritanopia**  
FFC3CF

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex FFC983 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 #FFC983 looks like.

```
.text, #text, p{  
    color:#FFC983  
}
```

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 #FFC983 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFC983
}
```

## Border

The CSS property to change the border of an element to Hex FFC983 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
#FFC983 }
```

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

```
.border{ border-color:#FFC983 }
```

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

Here you see how a box with a 4 pixel #FFC983 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFC983; -webkit-box-shadow:4px 4px  
4px 4px #FFC983; box-shadow:4px 4px 4px  
4px #FFC983 }
```

# Background

The CSS property to change the background color of an element to Hex FFC983 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFC983 }
```

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

```
.background{ background-color:#FFC983 }
```

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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