

Converting Colors

Hex(FFC799)

Have a look what the booklet for
Hex(FFC799) contains.

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Color

Hex(FFC799)

Conversions

Conversions Part 1

Format	Color
Hex	FFC799
RGB	255, 199, 153
RGB Percent	100%, 78%, 60%
CMY	0.0000, 0.2196, 0.4000
CMYK	0.00, 0.22, 0.40, 0.00
HSL	27°, 100%, 80%
HSV	27°, 40%, 100%
XYZ	67.4132, 64.4068, 39.0157
YIQ	210.5000, 48.1420, -2.4340

Conversions

Conversions Part 2

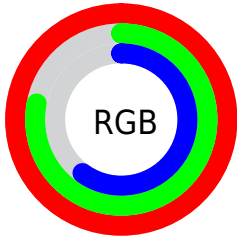
Format	Color
R_{YB}	255, 237, 153
Decimal	16762777
CIE _{Lab}	84.18, 14.10, 30.66
CIE _{LCh}	84, 33.752, 65.301
Yxy	64.4068, 0.3946, 0.3770
Android (android.graphics.Color)	4294952857 (0xFFFFC799)
YUV	210.5000, -28.3475, 39.0265
Hunter-Lab	80.2538, 9.4958, 27.3536

Details

The Hex color **FFC799** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **99D1FF**, and the grayscale version is **D3D3D3**.

A 20% lighter version of the original color is **FFFFD0**, and **C49165** is the 20% darker color. If you saturate the color by 10%, you get **FFB980**, and if you desaturate by 10%, it is **FFD5B3**.

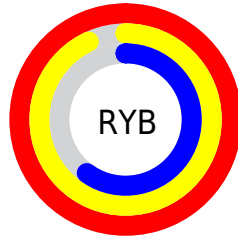
Distribution



Red (100%)

Green (78%)

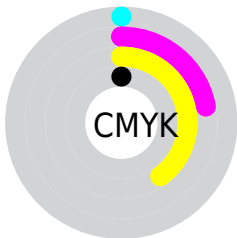
Blue (60%)



Red (100%)

Yellow (93%)

Blue (60%)

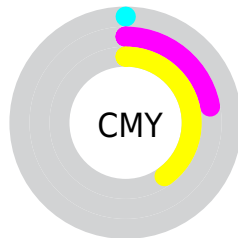


Cyan (0%)

Magenta (22%)

Yellow (40%)

Black (0%)



Cyan (0%)

Magenta (22%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color FFC799 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 FFC799 by changing the saturation by 10% instead.

 FFC799

 FFC799

FFFFFF

 E1AC7F

 FFFFD0

 C49165

 FFFFEC

 A8774D

 8C5F36

 71471F

 563008

 3D1B00

 250400

 000000

 FFC799

 FFC799

 FFB980

 FFD5B3

 FFAB66

 FFE3CC

 FF9D4D

 FFF1E6

 FF8F33

FFFFFF

 FF8119

 FF7300

Harmonies

Analogous

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



FFBEAF



FFC799



E3D292

Triad

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



FFC799



7BE4D7



DEC8FF

Complementary

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



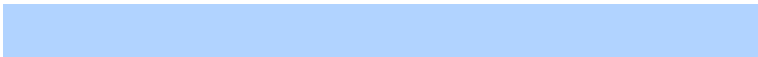
FFC799



99D1FF

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.



B1D3FF



FFC799



6EE2F6

Square

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



FFC799



9BE1B6



85DCFF



FFBEED

Rectangle

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



FFC799



CCD898



85DCFF



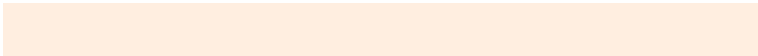
D0CCFF

Sweetspot

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



FFC799



FFEEE0



FF99D1



80766E



000000



808080

Same Dimension

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



FFC799



FFBC85



FFFA99



807973



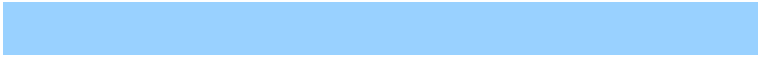
BF5600



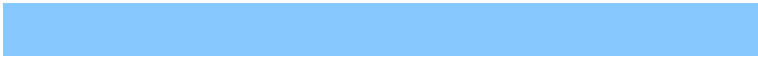
401D00

Inverse Universe

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



99D1FF



85C8FF



999EFF



737A80



0069BF



002340

Previews

White Background



This preview shows how the Hex color FFC799 looks on a white background.

Color Contrast Check

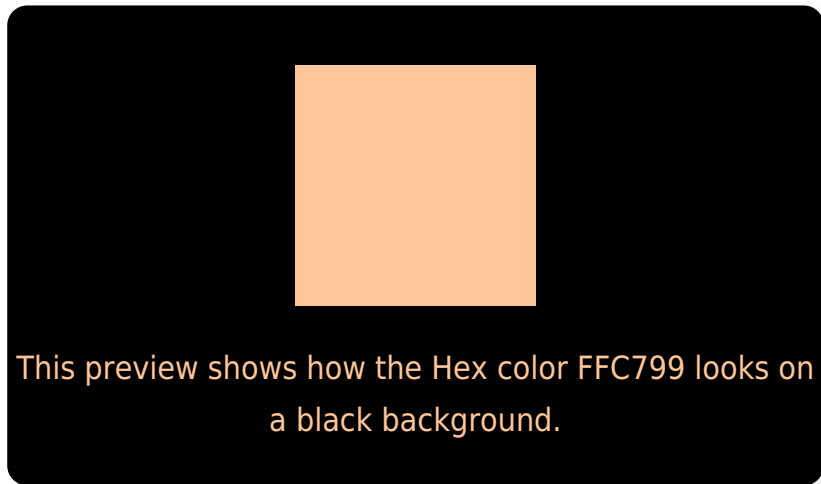
Large Text (above 18pt) WCAG AA × Fail

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 FFC799 Background



This preview shows how black text looks on a background with the Hex color FFC799.

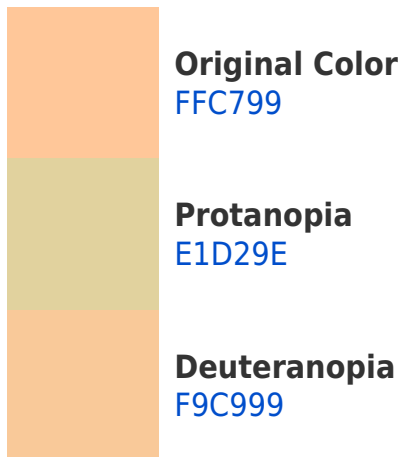


This preview shows how white text looks on a background with the Hex color FFC799.

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
FFC2CF

Trichromacy



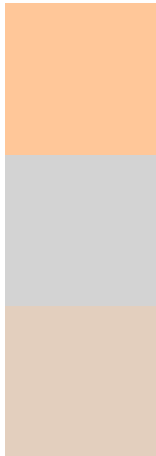
Original Color
FFC799

Protanomaly
ECCE9C

Deuteranomaly
FBC899

Tritanomaly
FFC4BB

Monochromacy



Original Color
FFC799

Achromatopsia
D3D3D3

Achromatomaly
E3CFBE

CSS Examples

Text

The CSS property to change the color of the text to Hex FFC799 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 #FFC799 looks like.

```
.text, #text, p{  
    color:#FFC799  
}
```

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 #FFC799 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFC799
}
```

Border

The CSS property to change the border of an element to Hex FFC799 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
#FFC799 }
```

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

```
.border{ border-color:#FFC799 }
```

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

Here you see how a box with a 4 pixel #FFC799 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFC799; -webkit-box-shadow:4px 4px  
4px 4px #FFC799; box-shadow:4px 4px 4px  
4px #FFC799 }
```

Background

The CSS property to change the background color of an element to Hex FFC799 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFC799 }
```

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

```
.background{ background-color:#FFC799 }
```

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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