

Converting Colors

Hex(FFCB99)

Have a look what the booklet for
Hex(FFCB99) contains.

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Color

Hex(FFCB99)

Conversions

Conversions Part 1

Format	Color
Hex	FFCB99
RGB	255, 203, 153
RGB Percent	100%, 80%, 60%
CMY	0.0000, 0.2039, 0.4000
CMYK	0.00, 0.20, 0.40, 0.00
HSL	29°, 100%, 80%
HSV	29°, 40%, 100%
XYZ	68.3457, 66.2718, 39.3265
YIQ	212.8480, 47.0420, -4.5260

Conversions

Conversions Part 2

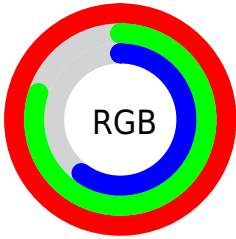
Format	Color
R _Y B	255, 251, 153
Decimal	16763801
CIE Lab	85.13, 12.02, 31.94
CIE LCh	85, 34.127, 69.374
Yxy	66.2718, 0.3929, 0.3810
Android (android.graphics.Color)	4294953881 (0xFFFFCB99)
YUV	212.8480, -29.5051, 36.9673
Hunter-Lab	81.4075, 7.3967, 28.3433

Details

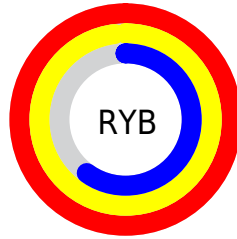
The Hex color **FFCB99** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **99CDFF**, and the grayscale version is **D5D5D5**.

A 20% lighter version of the original color is **FFFFD0**, and **C49565** is the 20% darker color. If you saturate the color by 10%, you get **FFBE80**, and if you desaturate by 10%, it is **FFD8B3**.

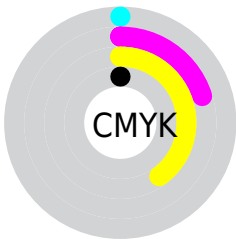
Distribution



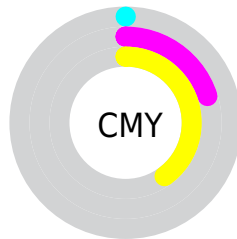
- Red (100%)
- Green (80%)
- Blue (60%)



- Red (100%)
- Yellow (98%)
- Blue (60%)



- Cyan (0%)
- Magenta (20%)
- Yellow (40%)
- Black (0%)



- Cyan (0%)
- Magenta (20%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color FFCB99 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 FFCB99 by changing the saturation by 10% instead.

 FFCB99

 FFCB99

FFFFFF

 E1B07F

 FFFFD0

 C49565

 FFFFEC

 A87B4D

 8C6235

 714A1F

 573407

 3D1E00

 250900

 000000

 #FFCB99

 #FFCB99

 #FFBE80

 #FFD8B3

 #FFB166

 #FFE5CC

 #FFA44D

 #FFF2E6

 #FF9733

#FFFFFF

 #FF8A19

 #FF7D00

Harmonies

Analogous

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



FFC1AD



FFCB99



E1D695

Triad

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



FFCB99



79E7DE



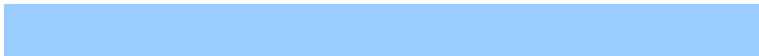
E6C9FF

Complementary

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



FFCB99



99CDDF

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.



BAD4FF



FFCB99



70E4FC

Square

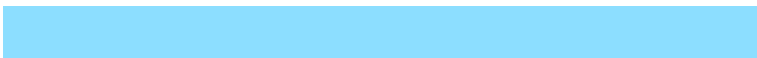
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



FFCB99



98E5BD



8CDEFF



FFC0EC

Rectangle

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



FFCB99



CADC9C



8CDEFF



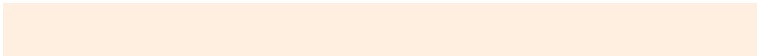
D8CDFF

Sweetspot

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



FFCB99



FFEFE0



FF99CE



80766E



000000



808080

Same Dimension

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



FFCB99



FFC185



FFFD99



807973



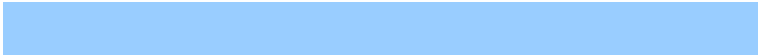
BF5E00



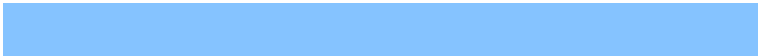
401F00

Inverse Universe

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



99CDFE



85C3FF



999BFF



737980



0062BF



002140

Previews

White Background



This preview shows how the Hex color #FFCB99 looks on a white background.

Color Contrast Check

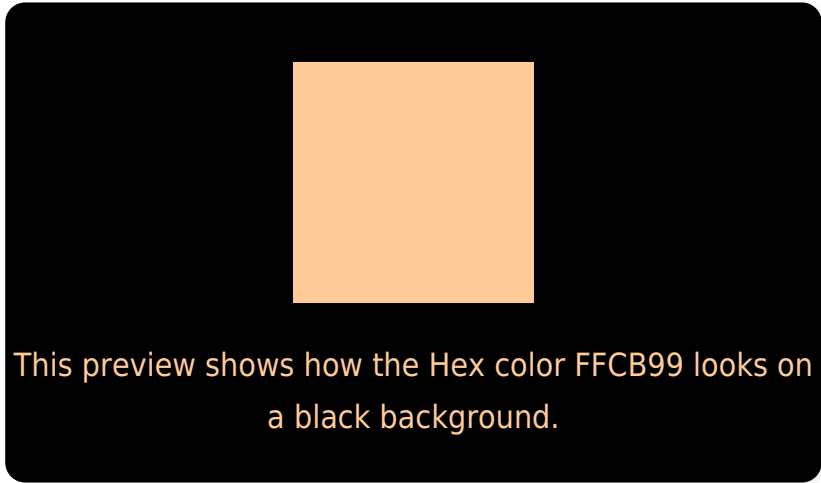
Large Text (above 18pt) WCAG AA × Fail

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 FFCB99 Background



This preview shows how black text looks on a background with the Hex color FFCB99.

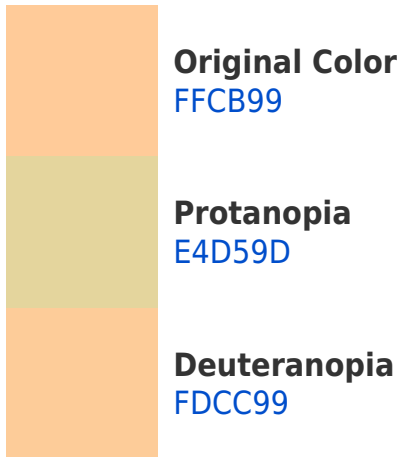


This preview shows how white text looks on a background with the Hex color FFCB99.

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](#).

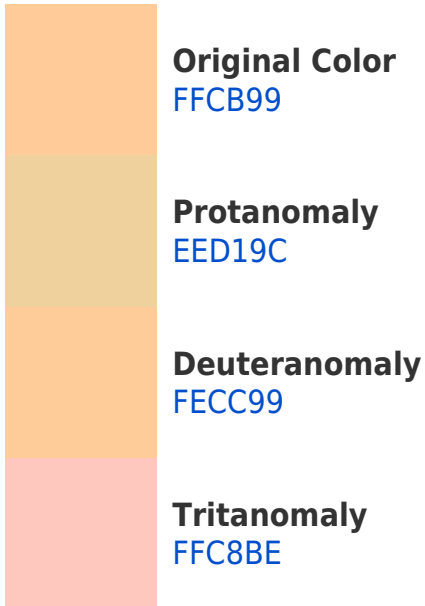
Dichromacy



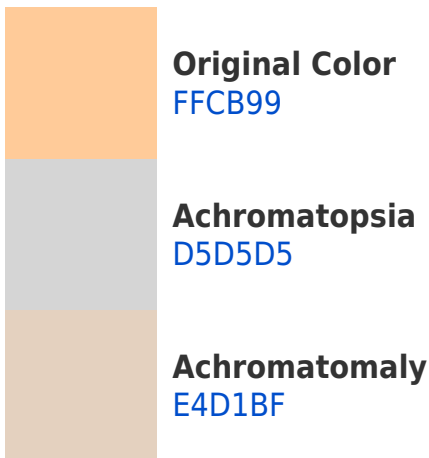


Tritanopia
FFC6D3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex FFCB99 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 #FFCB99 looks like.

```
.text, #text, p{  
    color:#FFCB99  
}
```

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 #FFCB99 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFCB99
}
```

Border

The CSS property to change the border of an element to Hex FFCB99 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
#FFCB99 }
```

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

```
.border{ border-color:#FFCB99 }
```

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

Here you see how a box with a 4 pixel #FFCB99 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFCB99; -webkit-box-shadow:4px 4px  
4px 4px #FFCB99; box-shadow:4px 4px 4px  
4px #FFCB99 }
```

Background

The CSS property to change the background color of an element to Hex FFCB99 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFCB99 }
```

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

```
.background{ background-color:#FFCB99 }
```

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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