

# Converting Colors

Hex(FFCBB7)

Have a look what the booklet for  
Hex(FFCBB7) contains.

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# **Color**

**Hex(FFCBB7)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	FFCBB7
RGB	255, 203, 183
RGB Percent	100%, 80%, 72%
CMY	0.0000, 0.2039, 0.2824
CMYK	0.00, 0.20, 0.28, 0.00
HSL	17°, 100%, 86%
HSV	17°, 28%, 100%
XYZ	71.1432, 67.3908, 54.0578
YIQ	216.2680, 37.4120, 4.8040

# Conversions

## Conversions Part 2

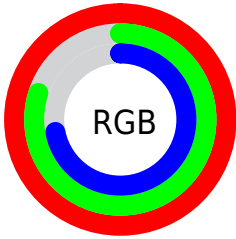
Format	Color
<a href="#">RYB</a>	<a href="#">255, 211, 183</a>
Decimal	<a href="#">16763831</a>
CIELab	<a href="#">85.70, 15.61, 16.98</a>
CIELCh	<a href="#">86, 23.067, 47.403</a>
Yxy	<a href="#">67.3908, 0.3694, 0.3499</a>
Android (android.graphics.Color)	<a href="#">4294953911 (0xFFFFCBB7)</a>
YUV	<a href="#">216.2680, -16.4011, 33.9680</a>
Hunter-Lab	<a href="#">82.0919, 11.0324, 18.4216</a>

# Details

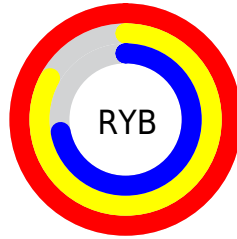
The Hex color **FFCBB7** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **B7EBFF**, and the grayscale version is **D8D8D8**.

A 20% lighter version of the original color is **FFFFFF**, and **C59582** is the 20% darker color. If you saturate the color by 10%, you get **FFB99E**, and if you desaturate by 10%, it is **FFDDD1**.

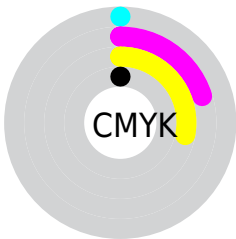
# Distribution



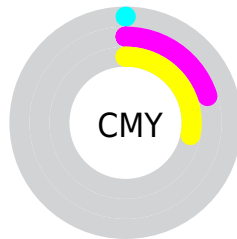
- Red (100%)
- Green (80%)
- Blue (72%)



- Red (100%)
- Yellow (83%)
- Blue (72%)



- Cyan (0%)
- Magenta (20%)
- Yellow (28%)
- Black (0%)



- Cyan (0%)
- Magenta (20%)
- Yellow (28%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FFCBB7 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 FFCBB7 by changing the saturation by 10% instead.



 FFCBB7

 FFCBB7

FFFFFF

 E2B09C

 FFFFEF

 C59582

 A97B69

 8E6251

 734A3A

 593324

 411D0F

 290700

 000000

 FFCBB7

 FFCBB7

 FFB99E

 FFDDD1

 FFA684

 FFF0EA

 FF946A

FFFFFF

 FF8151

 FF6F38

 FF5C1E

 FF4A05

 FF4700

# Harmonies

## Analogous

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



FFC7CA



FFCBB7



F0D2AC

# Triad

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



FFCBB7



AAE2CC



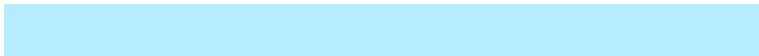
CED4FF

# Complementary

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



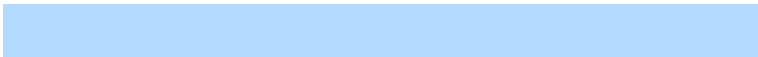
FFCBB7



B7EBFF

# 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.



B2DBFF



FFCBB7



9CE3E2

# Square

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



FFCBB7



C1DFB8



9EE0F6



E9CDF4

# Rectangle

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



FFCBB7



E2D7AB



9EE0F6



C4D6FF

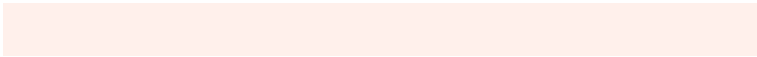


# Sweetspot

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



FFCBB7



FFF0EB



FFB7EC



807673



000000



808080



# Same Dimension

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



FFCBB7



FFC0A8



FFEEB7



807673



BF3500

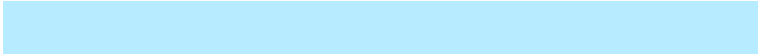


401200

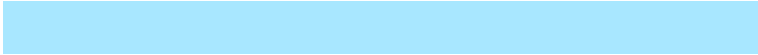


# Inverse Universe

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



B7EBFF



A8E7FF



B7C8FF



737C80



008ABF



002E40



# Previews

## White Background



This preview shows how the Hex color FFCBB7 looks on a white background.

## Color Contrast Check

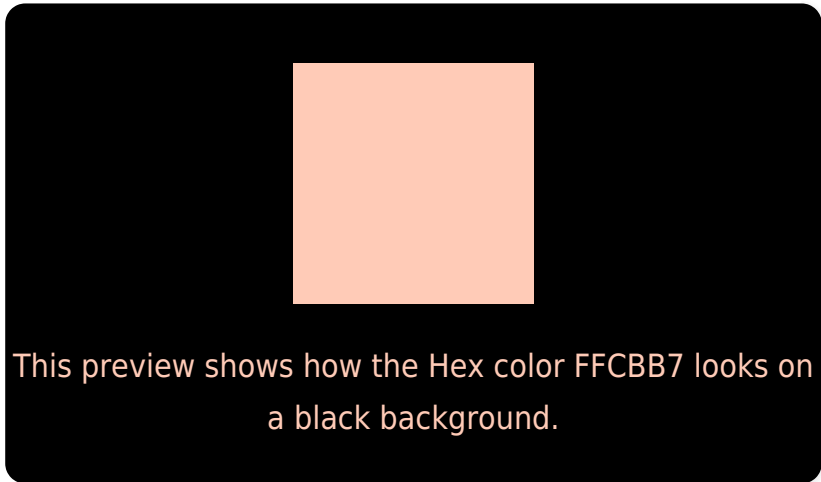
Large Text (above 18pt) WCAG AA × Fail

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 FFCBB7 Background



This preview shows how black text looks on a background with the Hex color FFCBB7.

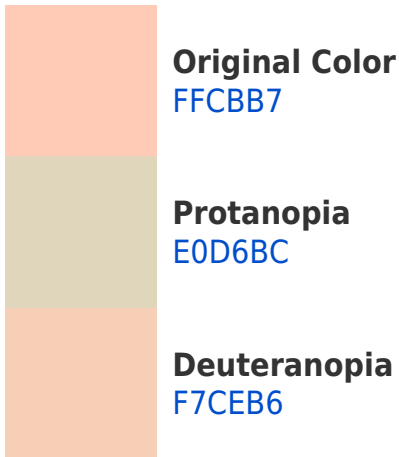


This preview shows how white text looks on a background with the Hex color FFCBB7.

# 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**  
FFC8D6

# Trichromacy



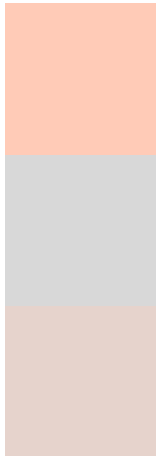
**Original Color**  
FFCBB7

**Protanomaly**  
EBD2BA

**Deuteranomaly**  
FACDB6

**Tritanomaly**  
FFC9CB

# Monochromacy



**Original Color**  
FFCBB7

**Achromatopsia**  
D8D8D8

**Achromatomaly**  
E6D3CC

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FFCBB7 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 #FFCBB7 looks like.

```
.text, #text, p{  
    color:#FFCBB7  
}
```

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 #FFCBB7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFCBB7
}
```

## Border

The CSS property to change the border of an element to Hex FFCBB7 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
#FFCBB7 }
```

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

```
.border{ border-color:#FFCBB7 }
```

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

Here you see how a box with a 4 pixel #FFCBB7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFCBB7; -webkit-box-shadow:4px 4px  
4px 4px #FFCBB7; box-shadow:4px 4px 4px  
4px #FFCBB7 }
```

# Background

The CSS property to change the background color of an element to Hex FFCBB7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFCBB7 }
```

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

```
.background{ background-color:#FFCBB7 }
```

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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