

# Converting Colors

Hex(FFF7CB)

Have a look what the booklet for  
Hex(FFF7CB) contains.

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# Color

**Hex(FFF7CB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFF7CB
RGB	255, 247, 203
RGB Percent	100%, 97%, 80%
CMY	0.0000, 0.0314, 0.2039
CMYK	0.00, 0.03, 0.20, 0.00
HSL	51°, 100%, 90%
HSV	51°, 20%, 100%
XYZ	85.2803, 92.0933, 69.7810
YIQ	244.3760, 18.8920, -11.9880

# Conversions

## Conversions Part 2

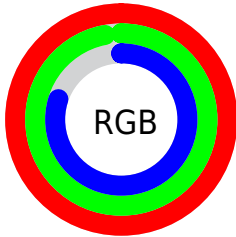
Format	Color
<a href="#">RYB</a>	<a href="#">212, 255, 203</a>
Decimal	<a href="#">16775115</a>
CIELab	<a href="#">96.86, -4.21, 22.15</a>
CIELCh	<a href="#">97, 22.546, 100.756</a>
Yxy	<a href="#">92.0933, 0.3450, 0.3726</a>
Android (android.graphics.Color)	<a href="#">4294965195 (0xFFFFF7CB)</a>
YUV	<a href="#">244.3760, -20.3984, 9.3172</a>
Hunter-Lab	<a href="#">95.9653, -9.3139, 24.0631</a>

# Details

The Hex color **FFF7CB** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **CBD3FF**, and the grayscale version is **F5F5F5**.

A 20% lighter version of the original color is **FFFFFF**, and **C6BF95** is the 20% darker color. If you saturate the color by 10%, you get **FFF3B2**, and if you desaturate by 10%, it is **FFFBE4**.

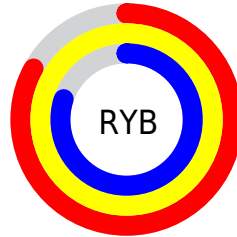
# Distribution



Red (100%)

Green (97%)

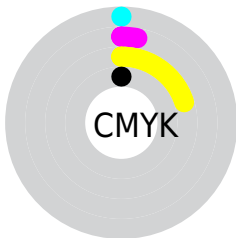
Blue (80%)



Red (83%)

Yellow (100%)

Blue (80%)

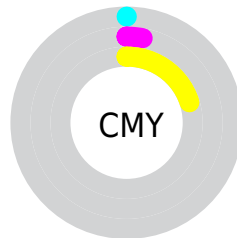


Cyan (0%)

Magenta (3%)

Yellow (20%)

Black (0%)



Cyan (0%)

Magenta (3%)

Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FFF7CB 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 FFF7CB by changing the saturation by 10% instead.



 FFF7CB

FFFFFF

 FFF7CB

 E2DBAF

 C6BF95

 AAA47B

 908962

 75704A

 5C5833

 44401D

 2D2B05

 171600

 FFF7CB

 FFF7CB

 FFF3B2

 FFFBE4

 FFEF98

FFFFFFE

 FFEB7E

FFFFFFF

 FFE765

 FFE34B

 FFDF32

 FFDC18

 FFD800

# Harmonies

## Analogous

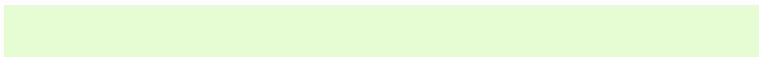
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FFF0CD



FFF7CB



E6FDD4

# Triad

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



FFF7CB



BDFFFF



FFE8FF

# Complementary

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



FFF7CB



CBD3FF

# Split Complementary

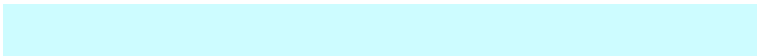
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFEEFF



FFF7CB



CDFCFF

# Square

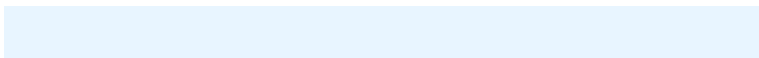
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



FFF7CB



BEFFFD



E8F5FF



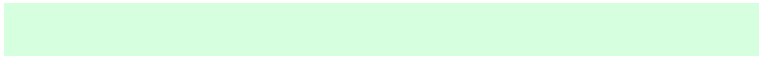
FFE7EF

# Rectangle

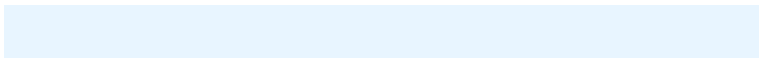
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



FFF7CB



D6FFE0



E8F5FF



FFEAFF

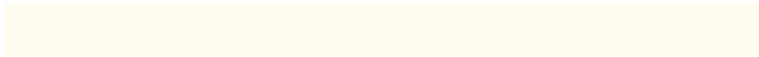


# Sweetspot

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



FFF7CB



FFFDF0



FFCBD4



807E77



000000



808080



# Same Dimension

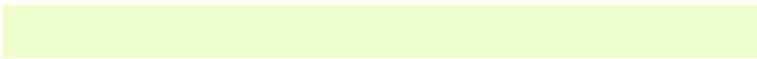
The Same Dimension uses a secret algorithm to generate beautiful new colors.



FFF7CB



FFF6C2



EEFFCB



807E73



BFA200



403600



# Inverse Universe

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



CBD3FF



C2CBFF



DCCBFF



737580



001DBF

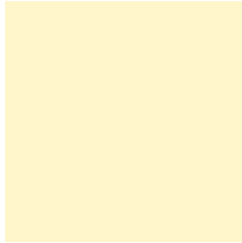


000A40



# Previews

## White Background



This preview shows how the Hex color FFF7CB looks on a white background.

## Color Contrast Check

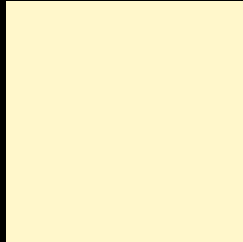
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color FFF7CB looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

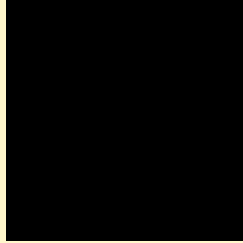
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex FFF7CB Background



This preview shows how black text looks on a background with the Hex color FFF7CB.



This preview shows how white text looks on a background with the Hex color FFF7CB.

# 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



**Original Color**  
FFF7CB

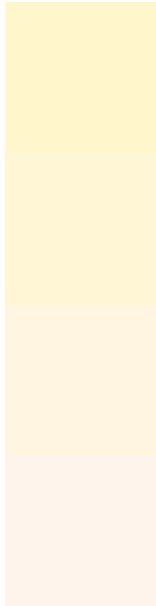
**Protanopia**  
FFF6DC

**Deuteranopia**  
FFF4EE



**Tritanopia**  
FFF2FD

# Trichromacy



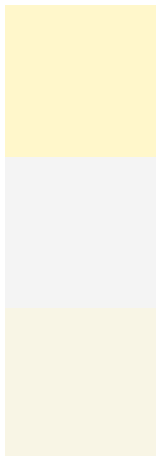
**Original Color**  
FFF7CB

**Protanomaly**  
FFF6D6

**Deuteranomaly**  
FFF5E1

**Tritanomaly**  
FFF4EB

# Monochromacy



**Original Color**  
FFF7CB

**Achromatopsia**  
F4F4F4

**Achromatomaly**  
F8F5E5

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FFF7CB 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 #FFF7CB looks like.

```
.text, #text, p{  
    color:#FFF7CB  
}
```

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 #FFF7CB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFF7CB  
}
```

## Border

The CSS property to change the border of an element to Hex FFF7CB 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  
#FFF7CB }
```

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

```
.border{ border-color:#FFF7CB }
```

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

Here you see how a box with a 4 pixel #FFF7CB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFF7CB; -webkit-box-shadow:4px 4px  
4px 4px #FFF7CB; box-shadow:4px 4px 4px  
4px #FFF7CB }
```

# Background

The CSS property to change the background color of an element to Hex FFF7CB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFF7CB }
```

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

```
.background{ background-color:#FFF7CB }
```

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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