

# Converting Colors

Hex(FFF9B3)

Have a look what the booklet for  
Hex(FFF9B3) contains.

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# **Color**

**Hex(FFF9B3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFF9B3
RGB	255, 249, 179
RGB Percent	100%, 98%, 70%
CMY	0.0000, 0.0235, 0.2980
CMYK	0.00, 0.02, 0.30, 0.00
HSL	55°, 100%, 85%
HSV	55°, 30%, 100%
XYZ	83.2524, 92.2660, 56.0691
YIQ	242.8140, 26.0460, -20.4980

# Conversions

## Conversions Part 2

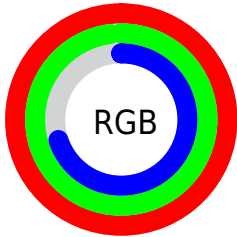
<b>Format</b>	<b>Color</b>
<b>RYB</b>	186, 255, 179
Decimal	16775603
CIELab	96.93, -8.36, 34.40
CIELCh	97, 35.401, 103.667
Yxy	92.2660, 0.3595, 0.3984
Android (android.graphics.Color)	4294965683 (0xFFFFF9B3)
YUV	242.8140, -31.4603, 10.6871
Hunter-Lab	96.0552, -13.3882, 32.6301

# Details

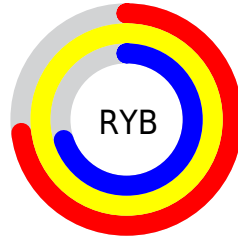
The Hex color **FFF9B3** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **B3B9FF**, and the grayscale version is **F3F3F3**.

A 20% lighter version of the original color is **FFFFEB**, and **C5C17E** is the 20% darker color. If you saturate the color by 10%, you get **FFF799**, and if you desaturate by 10%, it is **FFFBCC**.

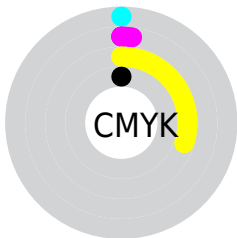
# Distribution



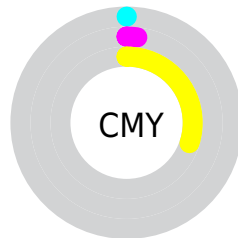
- Red (100%)
- Green (98%)
- Blue (70%)



- Red (73%)
- Yellow (100%)
- Blue (70%)



- Cyan (0%)
- Magenta (2%)
- Yellow (30%)
- Black (0%)



- Cyan (0%)
- Magenta (2%)
- Yellow (30%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FFF9B3 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 FFF9B3 by changing the saturation by 10% instead.



 FFF9B3

 FFF9B3

FFFFFF

 E2DC98

 FFFFEB

 C5C17E

 AAA664

 8E8B4B

 747233

 5A591C

 424203

 2A2C00

 101800

 FFF9B3

 FFF9B3

 FFF799

 FFFBCC

 FFF580

 FFFDE6

 FFF366

FFFFFF

 FFF14D

 FFEF33

 FFED1A

 FFE800

# Harmonies

## Analogous

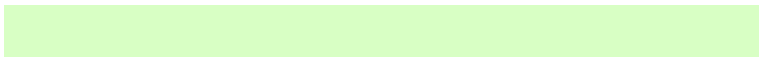
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FFEEB5



FFF9B3



D8FFC4

# Triad

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



FFF9B3



91FFFF



FFDFFF

# Complementary

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



FFF9B3



B3B9FF

# 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.



FFE8FF



FFF9B3



B1FFFF

# Square

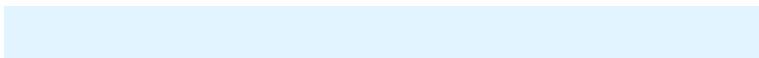
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



FFF9B3



94FFFF



E1F4FF



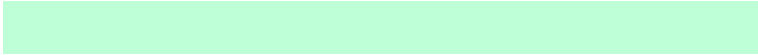
FFDDE7

# Rectangle

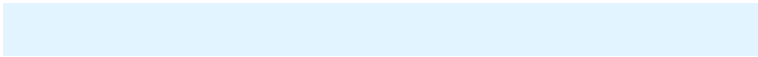
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



FFF9B3



BEFFD7



E1F4FF

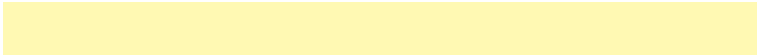


FFE1FF



# Sweetspot

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



FFF9B3



FFFDE8



FFB3B9



807E71



000000



808080



# Same Dimension

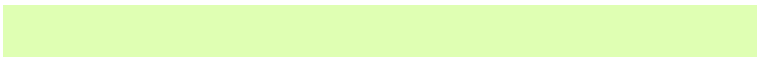
The Same Dimension uses a secret algorithm to generate beautiful new colors.



FFF9B3



FFF8A3



DFFFB3



807E73



BFB000



403B00



# Inverse Universe

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



B3B9FF



A3AAFF



D3B3FF



737480



000FBF

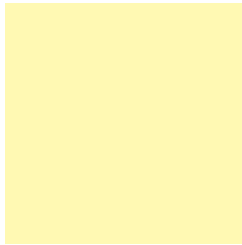


000540



# Previews

## White Background



This preview shows how the Hex color FFF9B3 looks on a white background.

## Color Contrast Check

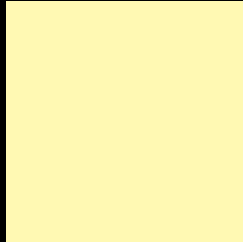
Large Text (above 18pt) WCAG AA × Fail

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 FFF9B3 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

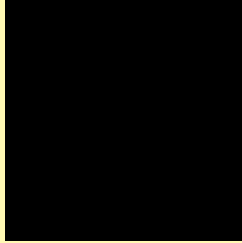
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex FFF9B3 Background



This preview shows how black text looks on a background with the Hex color FFF9B3.

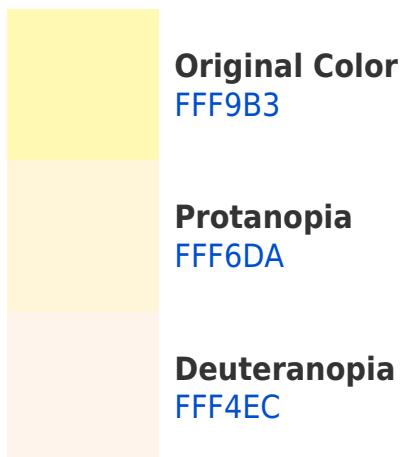


This preview shows how white text looks on a background with the Hex color FFF9B3.

# 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**  
FFF3FC

# Trichromacy



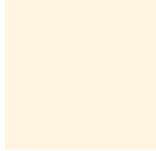
**Original Color**  
FFF9B3



**Protanomaly**  
FFF7CC



**Deuteranomaly**  
FFF6D7

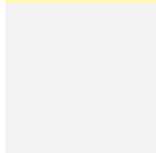


**Tritanomaly**  
FFF5E1

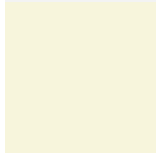
# Monochromacy



**Original Color**  
FFF9B3



**Achromatopsia**  
F3F3F3



**Achromatomaly**  
F7F5DC

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FFF9B3 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 #FFF9B3 looks like.

```
.text, #text, p{  
    color:#FFF9B3  
}
```

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 #FFF9B3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFF9B3
}
```

## Border

The CSS property to change the border of an element to Hex FFF9B3 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
#FFF9B3 }
```

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

```
.border{ border-color:#FFF9B3 }
```

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

Here you see how a box with a 4 pixel #FFF9B3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFF9B3; -webkit-box-shadow:4px 4px  
4px 4px #FFF9B3; box-shadow:4px 4px 4px  
4px #FFF9B3 }
```

# Background

The CSS property to change the background color of an element to Hex FFF9B3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFF9B3 }
```

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

```
.background{ background-color:#FFF9B3 }
```

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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