

# Converting Colors

Hex(FDFFC3)

Have a look what the booklet for  
Hex(FDFFC3) contains.

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# **Color**

**Hex(FDFFC3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	<code>FDFFC3</code>
RGB	253, 255, 195
RGB Percent	99%, 100%, 76%
CMY	0.0078, 0.0000, 0.2353
CMYK	0.01, 0.00, 0.24, 0.00
HSL	62°, 100%, 88%
HSV	62°, 24%, 100%
XYZ	86.1183, 96.3428, 65.6869
YIQ	247.5620, 18.0680, -19.0840

# Conversions

## Conversions Part 2

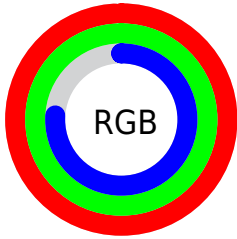
<b>Format</b>	<b>Color</b>
<b>RYB</b>	195, 255, 197
Decimal	16646083
CIELab	98.57, -10.00, 28.54
CIElCh	99, 30.241, 109.316
Yxy	96.3428, 0.3470, 0.3882
Android (android.graphics.Color)	4294836163 (0xFFFDFFC3)
YUV	247.5620, -25.9131, 4.7691
Hunter-Lab	98.1544, -15.1584, 29.0300

# Details

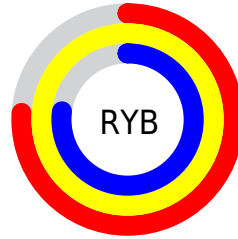
The Hex color **FDFFC3** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **C5C3FF**, and the grayscale version is **F8F8F8**.

A 20% lighter version of the original color is **FFFFCC**, and **C4C68D** is the 20% darker color. If you saturate the color by 10%, you get **FCFFAA**, and if you desaturate by 10%, it is **FEFFDC**.

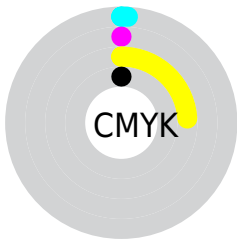
# Distribution



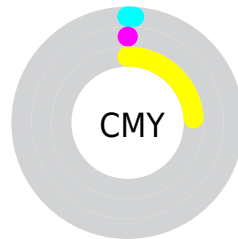
- Red (99%)
- Green (100%)
- Blue (76%)



- Red (76%)
- Yellow (100%)
- Blue (77%)



- Cyan (1%)
- Magenta (0%)
- Yellow (24%)
- Black (0%)



- Cyan (1%)
- Magenta (0%)
- Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FDFFC3 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 FDFFC3 by changing the saturation by 10% instead.



 FDFFC3

 FDFFC3

FFFFFF

 E0E2A8

 FFFFC3

 C4C68D

 A8AB73


 8D915A

 737742

 5A5E2B

 424714

 2B3000

 131C00

 FDFFC3

 FDFFC3

 FCFFAA

 FEFFDC

 FBFF90

 FFFFF6

 FAFF77

FFFFFF

 FAFF5D

 F9FF43

 F8FF2A

 F7FF10

 F7FF00

# Harmonies

## Analogous

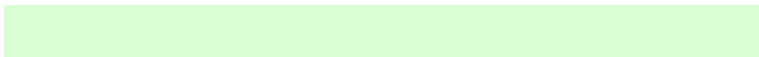
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FFF5C1



FDFFC3



DBFFD4

# Triad

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



FDFFC3



ADFFFF



FFE7FF

# Complementary

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



FDFFC3



C5C3FF

# Split Complementary

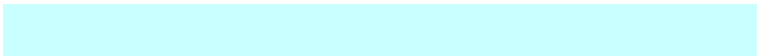
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFEDFF



FDFFC3



CAFFFF

# Square

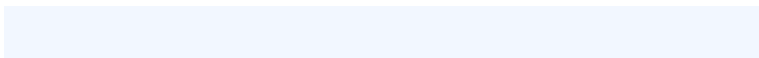
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



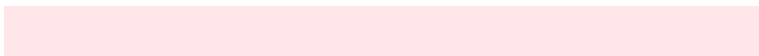
FDFFC3



A9FFFF



F2F7FF



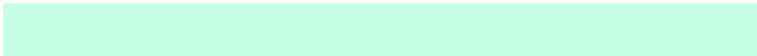
FFE6E9

# Rectangle

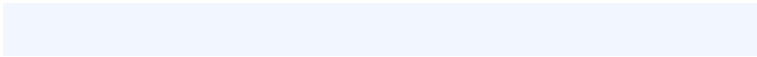
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



FDFFC3



C6FFE5



F2F7FF



FFE8FF



# Sweetspot

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



FDFFC3



FEFFED



FFC5C3



7F8075



000000



808080



# Same Dimension

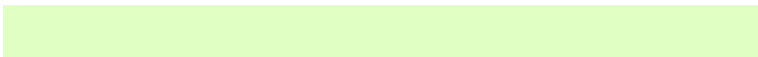
The Same Dimension uses a secret algorithm to generate beautiful new colors.



FDFFC3



FDFFB8



DFFFC3



7F8073



B9BF00



3E4000



# Inverse Universe

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



C5C3FF



BAB8FF



E3C3FF



737380



0600BF

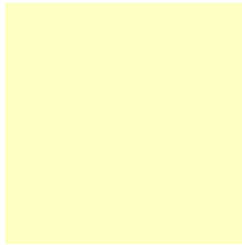


020040



# Previews

## White Background



This preview shows how the Hex color FDFFC3 looks on a white background.

## Color Contrast Check

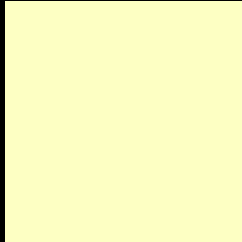
Large Text (above 18pt) WCAG AA × Fail

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 FDFFC3 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

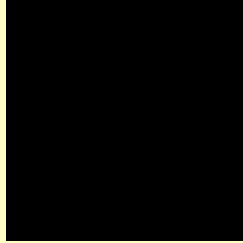
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex FDFFC3 Background



This preview shows how black text looks on a background with the Hex color FDFFC3.



This preview shows how white text looks on a background with the Hex color FDFFC3.

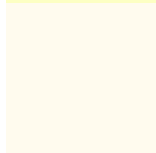
# Color Blindness Simulation

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**  
FDFFC3



**Protanopia**  
FFFBEE

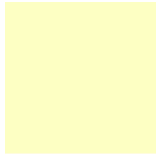


**Deuteranopia**  
FFFAF7



**Tritanopia**  
FEF9FF

# Trichromacy



**Original Color**  
FDFFC3



**Protanomaly**  
FEFCDE

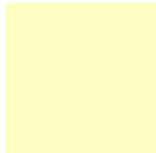


**Deuteranomaly**  
FEFCE4

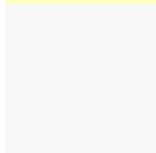


**Tritanomaly**  
FEFBE9

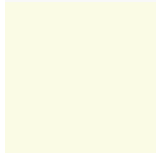
# Monochromacy



**Original Color**  
FDFFC3



**Achromatopsia**  
F8F8F8



**Achromatomaly**  
FAFB E5

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FDFFC3 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 #FDFFC3 looks like.

```
.text, #text, p{  
    color:#FDFFC3  
}
```

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 #FDFFC3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FDFFC3
}
```

## Border

The CSS property to change the border of an element to Hex FDFFC3 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
#FDFFC3 }
```

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

```
.border{ border-color:#FDFFC3 }
```

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

Here you see how a box with a 4 pixel #FDFFC3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FDFFC3; -webkit-box-shadow:4px 4px  
4px 4px #FDFFC3; box-shadow:4px 4px 4px  
4px #FDFFC3 }
```

# Background

The CSS property to change the background color of an element to Hex FDFFC3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FDFFC3 }
```

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

```
.background{ background-color:#FDFFC3 }
```

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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