

# Converting Colors

Hex(FBFD7)

Have a look what the booklet for  
Hex(FBFDF7) contains.

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# **Color**

**Hex(FBFD7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FBFDF7
RGB	251, 253, 247
RGB Percent	98%, 99%, 97%
CMY	0.0157, 0.0078, 0.0314
CMYK	0.01, 0.00, 0.02, 0.01
HSL	80°, 60%, 98%
HSV	80°, 2%, 99%
XYZ	91.6974, 97.4752, 101.9773
YIQ	251.7180, 0.7340, -2.2900

# Conversions

## Conversions Part 2

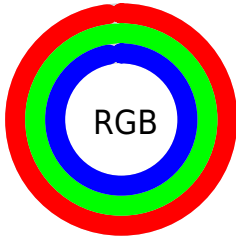
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	247, 253, 249
Decimal	16514551
CIE Lab	99.02, -1.70, 2.62
CIE LCh	99, 3.126, 122.944
Yxy	97.4752, 0.3149, 0.3348
Android (android.graphics.Color)	4294704631 (0xFFFBDF7)
YUV	251.7180, -2.3260, -0.6297
Hunter-Lab	98.7295, -6.9905, 7.8703

# Details

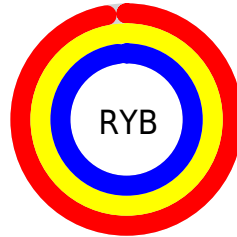
The Hex color **FBFDF7** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **F9F7FD**, and the grayscale version is **FCFCFC**.

A 20% lighter version of the original color is **FFFFFF**, and **C3C4BF** is the 20% darker color. If you saturate the color by 10%, you get **F3FDDE**, and if you desaturate by 10%, it is **FFFDFE**.

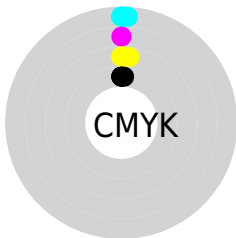
# Distribution



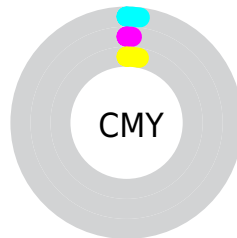
- Red (98%)
- Green (99%)
- Blue (97%)



- Red (97%)
- Yellow (99%)
- Blue (98%)



- Cyan (1%)
- Magenta (0%)
- Yellow (2%)
- Black (1%)



- Cyan (2%)
- Magenta (1%)
- Yellow (3%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FBFDF7 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 FBFDF7 by changing the saturation by 10% instead.



 FBFDF7

FFFFFF

 FBFDF7

 DEE0DB

 C3C4BF

 A7A9A4

 8D8F89

 737570

 5B5D58

 434540

 2D2F2A

 191A16

 FBFD7

 FBFD7

 F3FDDE

 FFFDFF

 EAFDC4

 E2FDAB

 D9FD92

 D1FD78

 C8FD5F

 C0FD46

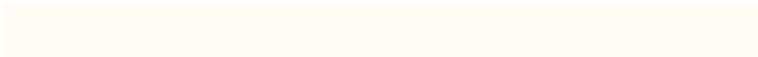
 B8FD2D

 AFFD13

# Harmonies

## Analogous

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



FFCF6



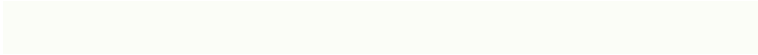
FBFDF7



F8FEF9

# Triad

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



FBFDF7



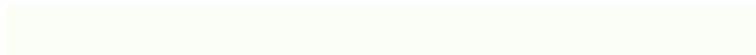
F7FDFF



FFFAFC

# Complementary

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



FBFDF7



F9F7FD

# Split Complementary

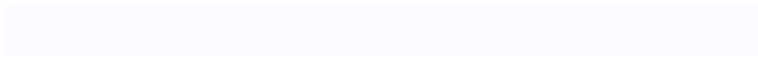
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFFBFF



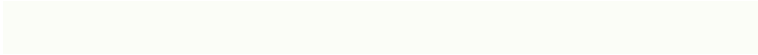
FBFDF7



FAFCFF

# Square

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



FBFDF7



F5FEFF



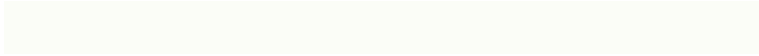
FDFBFF



FFFAF9

# Rectangle

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



FBFDF7



F6FEFB



FD FBFF

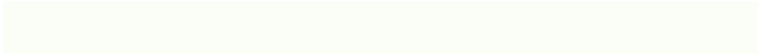


FFFAFD



# Sweetspot

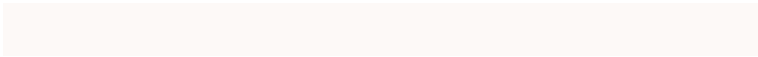
The Sweet Spot groups the original color and five complimentary colors.



FBDF7



FEFFC



FDF9F7



7F807E



000000



808080



# Same Dimension

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



FBDF7



FCFF7



F8DF7



7E87A



7BF00



2A4000



# Inverse Universe

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



F9F7FD



FAF7FF



FCF7FD



7C7A80



4000BF



150040



# Previews

## White Background



This preview shows how the Hex color #FBFDF7 looks on a white background.

## Color Contrast Check

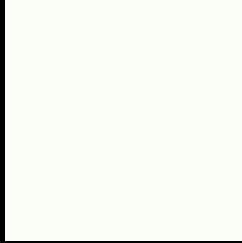
Large Text (above 18pt) WCAG AA × Fail

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 FBFDF7 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

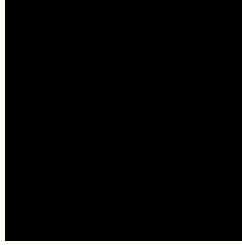
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex FBFDF7 Background



This preview shows how black text looks on a background with the Hex color FBFDF7.



This preview shows how white text looks on a background with the Hex color FBFDF7.

# 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**  
FBFDF7

**Protanopia**  
FFFCF9

**Deuteranopia**  
FFBFC



# Trichromacy



**Original Color**  
FBFDF7

**Protanomaly**  
FEFCF8

**Deuteranomaly**  
FEFCFA

**Tritanomaly**  
FCFCFC

# Monochromacy



**Original Color**  
FBFDF7

**Achromatopsia**  
FCFCFC

**Achromatomaly**  
FCFCFA

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FBFDF7 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 #FBFDF7 looks like.

```
.text, #text, p{  
    color:#FBFDF7  
}
```

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 #FBFDF7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FBFDF7  
}
```

## Border

The CSS property to change the border of an element to Hex FBFDF7 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  
#FBFDF7 }
```

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

```
.border{ border-color:#FBFDF7 }
```

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

Here you see how a box with a 4 pixel #FBFDF7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FBFDF7; -webkit-box-shadow:4px 4px  
4px 4px #FBFDF7; box-shadow:4px 4px 4px  
4px #FBFDF7 }
```

# Background

The CSS property to change the background color of an element to Hex FBFDF7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FBFDF7 }
```

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

```
.background{ background-color:#FBFDF7 }
```

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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