

# Converting Colors

Hex(FDFFEB)

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

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# **Color**

**Hex(FDFFEB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FDFFE8
RGB	253, 255, 235
RGB Percent	99%, 100%, 92%
CMY	0.0078, 0.0000, 0.0784
CMYK	0.01, 0.00, 0.08, 0.00
HSL	66°, 100%, 96%
HSV	66°, 8%, 100%
XYZ	91.2634, 98.4008, 92.7804
YIQ	252.1220, 5.2280, -6.6440

# Conversions

## Conversions Part 2

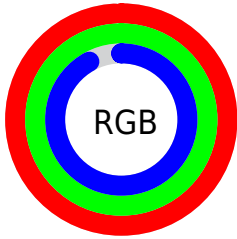
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	235, 255, 237
Decimal	16646123
CIE Lab	99.38, -4.04, 9.32
CIE LCh	99, 10.158, 113.466
Yxy	98.4008, 0.3231, 0.3484
Android (android.graphics.Color)	4294836203 (0xFFFDFFEB)
YUV	252.1220, -8.4411, 0.7700
Hunter-Lab	99.1972, -9.3715, 13.9833

# Details

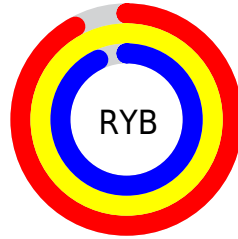
The Hex color **FDFFE8** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **EDEBFF**, and the grayscale version is **FCFCFC**.

A 20% lighter version of the original color is **FFFFFF**, and **C4C6B3** is the 20% darker color. If you saturate the color by 10%, you get **FAFFD2**, and if you desaturate by 10%, it is **FFFFFF**.

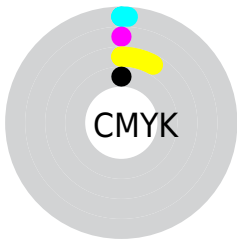
# Distribution



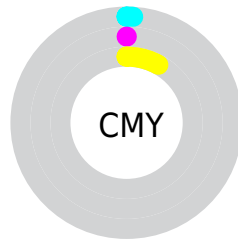
- Red (99%)
- Green (100%)
- Blue (92%)



- Red (92%)
- Yellow (100%)
- Blue (93%)



- Cyan (1%)
- Magenta (0%)
- Yellow (8%)
- Black (0%)



- Cyan (1%)
- Magenta (0%)
- Yellow (8%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FDFFE8 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 FDFFE8 by changing the saturation by 10% instead.



 FDFFE8

 FDFFE8

FFFFFF

 E0E2C8

 C4C6B3

 A9AB98

 8F917F

 757766

 5C5E4E

 454737

 2E3021

 1A1B0B

 FDFFE8

 FDFFE8

 FAFFD2

FFFFFF

 F8FFB8

 F5FF9E

 F3FF85

 F0FF6B

 EEFF52

 EBFF39

 E9FF1F

 E6FF06

# Harmonies

## Analogous

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



FFFCEA



FDFFE8



F2FFF1

# Triad

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



FDFFE8



E8FFFF



FFF7FF

# Complementary

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



FDFFE8



EDEBFF

# Split Complementary

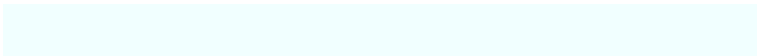
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFF8FF



FDFEED



F1FFFF

# Square

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



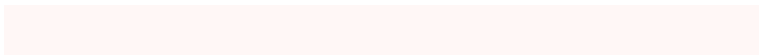
FDFFE8



E5FFFF



FDFBFF



FFF7F6

# Rectangle

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



FDFFE8



EBFFF7



FDFBFF



FFF7FF



# Sweetspot

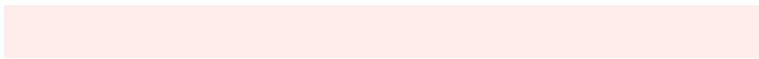
The Sweet Spot groups the original color and five complimentary colors.



FDFFE8



FEFFFA



FFEDEB



7F807D



000000



808080



# Same Dimension

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



FDFFE8



FDFFE8



F3FFEB



7E8073



ACBF00



394000



# Inverse Universe

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



EDEBFF



EAE8FF



F7EBFF



747380



1300BF



060040



# Previews

## White Background



This preview shows how the Hex color FDFFE8 looks on a white background.

## Color Contrast Check

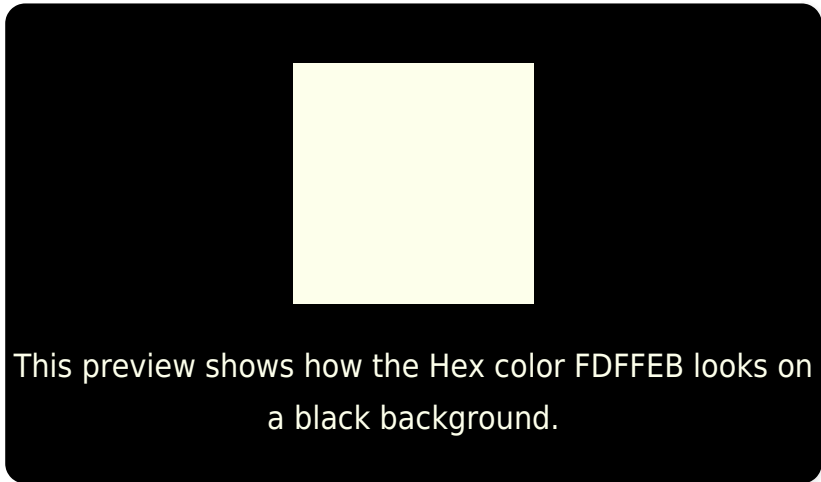
Large Text (above 18pt) WCAG AA × Fail

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

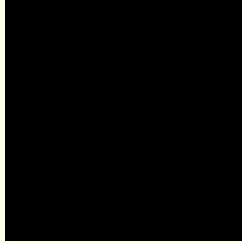
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex FDFFE8 Background



This preview shows how black text looks on a background with the Hex color FDFFE8.



This preview shows how white text looks on a background with the Hex color FDFFE8.

# 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**  
FDFFE8



**Protanopia**  
FFFDF9



**Deuteranopia**  
FFFDFC

**Tritanopia**  
FEFDFE

# Trichromacy



**Original Color**  
FDFFEB

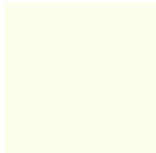


**Protanomaly**  
FEFEF4

**Deuteranomaly**  
FEFEF6

**Tritanomaly**  
FEFEF8

# Monochromacy



**Original Color**  
FDFFEB



**Achromatopsia**  
FCFCFC

**Achromatomaly**  
FCDF6

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FDFFE8 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 #FDFFE8 looks like.

```
.text, #text, p{  
    color:#FDFFE8  
}
```

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 #FDFFEB colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

The CSS property to change the background color of an element to Hex FDFFE8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FDFFE8 }
```

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

```
.background{ background-color:#FDFFE8 }
```

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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