

# Converting Colors

Hex(FBDBE8)

Have a look what the booklet for  
Hex(FBDBE8) contains.

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# **Color**

**Hex(FBDBE8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FBD8E8
RGB	251, 219, 232
RGB Percent	98%, 86%, 91%
CMY	0.0157, 0.1412, 0.0902
CMYK	0.00, 0.13, 0.08, 0.02
HSL	336°, 80%, 92%
HSV	336°, 13%, 98%
XYZ	79.6807, 76.9985, 87.0065
YIQ	230.0500, 14.8990, 10.8270

# Conversions

## Conversions Part 2

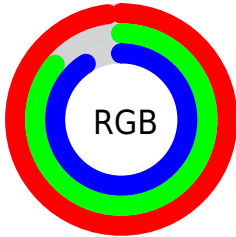
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	251, 219, 232
Decimal	16505832
CIE Lab	90.32, 13.18, -2.28
CIE LCh	90, 13.373, 350.180
Yxy	76.9985, 0.3270, 0.3160
Android (android.graphics.Color)	4294695912 (0xFFFFDBE8)
YUV	230.0500, 0.9614, 18.3732
Hunter-Lab	87.7488, 8.5274, 2.6357

# Details

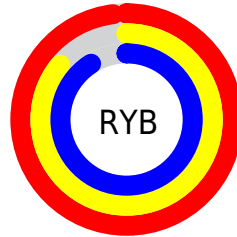
The Hex color **FBDBE8** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **DBFBEE**, and the grayscale version is **E6E6E6**.

A 20% lighter version of the original color is **FFFFFF**, and **C2A4B0** is the 20% darker color. If you saturate the color by 10%, you get **FBC2D9**, and if you desaturate by 10%, it is **FBF4F7**.

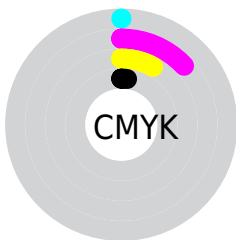
# Distribution



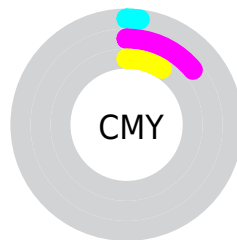
- Red (98%)
- Green (86%)
- Blue (91%)



- Red (98%)
- Yellow (86%)
- Blue (91%)



- Cyan (0%)
- Magenta (13%)
- Yellow (8%)
- Black (2%)



- Cyan (2%)
- Magenta (14%)
- Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FBDBE8 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 FBDBE8 by changing the saturation by 10% instead.



 FBDBE8

FFFFFF

 FBDBE8

 DEBFCC

 C2A4B0

 A78A96

 8C707C

 735863

 5A404B

 422A35

 2C151F

 190007

 FBDBE8

 FBDBE8

 FBC2D9

 FBF4F7

 FBA9CA

 FBFFFF

 FB90BB

 FB77AC

 FB5E9D

 FB448F

 FB2B80

 FB1271

 FB0066

# Harmonies

## Analogous

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



F0DDF4



FBDBE8



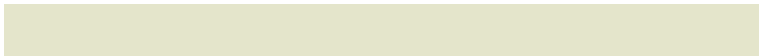
FFDBDB

# Triad

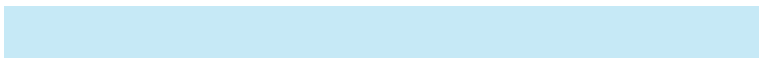
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



FBDBE8



E4E5CB



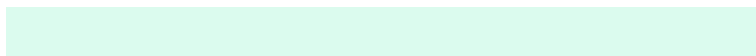
C6E9F6

# Complementary

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



FBDBE8



DBFBEE

# 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.



C3EBEC



FBDBE8



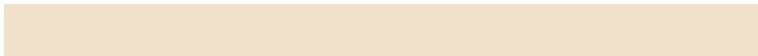
D6E9D3

# Square

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



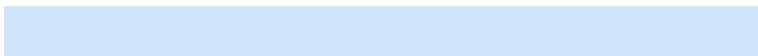
FBD8E8



F2E1CA



C9EBDE



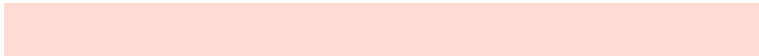
D1E6FC

# Rectangle

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



FBDDE8



FEDCD3



C9EBDE



C4EAF3



# Sweetspot

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



FDBE8



FFF5F9



EEDBFB



80797C



000000



808080



# Same Dimension

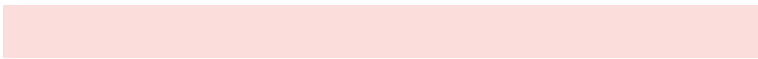
The Same Dimension uses a secret algorithm to generate beautiful new colors.



FDBBE8



FFD9E8



FBDEDB



7D7076



BD004D



3D0019



# Inverse Universe

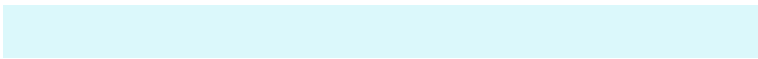
The Inverse Universe completely reimagines the original color for something new.



FDBBE8



FFD9E8



DBF8FB



7D7076



BD004D

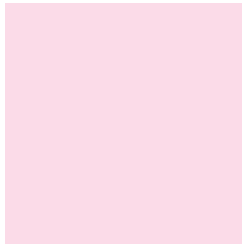


3D0019



# Previews

## White Background



This preview shows how the Hex color FDBE8 looks on a white background.

## Color Contrast Check

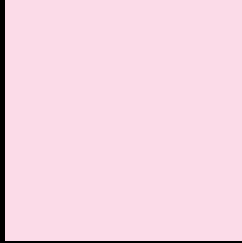
Large Text (above 18pt) WCAG AA × Fail

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 FDBE8 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

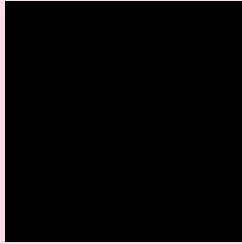
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex FBDBE8 Background



This preview shows how black text looks on a background with the Hex color FBDBE8.

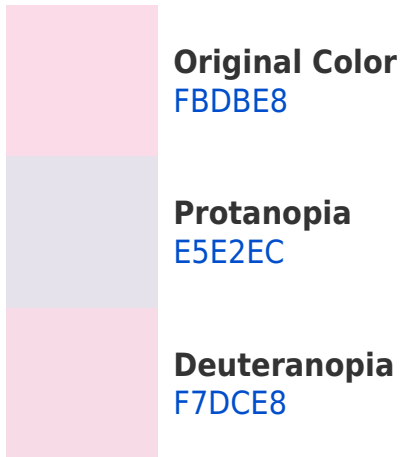


This preview shows how white text looks on a background with the Hex color FBDBE8.

# 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





# Trichromacy



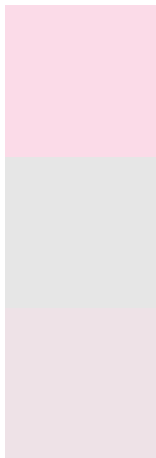
**Original Color**  
FBDBE8

**Protanomaly**  
EDDFEB

**Deuteranomaly**  
F8DCE8

**Tritanomaly**  
FBDAEB

# Monochromacy



**Original Color**  
FBDBE8

**Achromatopsia**  
E6E6E6

**Achromatomaly**  
EEE2E7

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FBDBE8 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 #FBDBE8 looks like.

```
.text, #text, p{  
    color:#FBDBE8  
}
```

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 #FBDBE8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FBDBE8
}
```

## Border

The CSS property to change the border of an element to Hex FBDBE8 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
#FBDBE8 }
```

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

```
.border{ border-color:#FBDBE8 }
```

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

Here you see how a box with a 4 pixel #FBDBE8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FBDBE8; -webkit-box-shadow:4px 4px  
4px 4px #FBDBE8; box-shadow:4px 4px 4px  
4px #FBDBE8 }
```

# Background

The CSS property to change the background color of an element to Hex FBDBE8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FBDBE8 }
```

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

```
.background{ background-color:#FBDBE8 }
```

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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