

# Converting Colors

Hex(FBDBA9)

Have a look what the booklet for  
Hex(FBDBA9) contains.

<b>Hex(FBDBA9)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Hex(FBDBA9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FBDBA9
RGB	251, 219, 169
RGB Percent	98%, 86%, 66%
CMY	0.0157, 0.1412, 0.3373
CMYK	0.00, 0.13, 0.33, 0.02
HSL	37°, 91%, 82%
HSV	37°, 33%, 98%
XYZ	72.2766, 74.0368, 48.0173
YIQ	222.8680, 35.1220, -8.7660

# Conversions

## Conversions Part 2

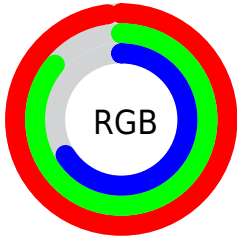
Format	Color
R <sub>Y</sub> B	221, 251, 169
Decimal	16505769
CIE Lab	88.94, 4.05, 28.70
CIE LCh	89, 28.982, 81.969
Yxy	74.0368, 0.3719, 0.3810
Android (android.graphics.Color)	4294695849 (0xFFFBDBA9)
YUV	222.8680, -26.5569, 24.6718
Hunter-Lab	86.0447, -0.6400, 27.1444

# Details

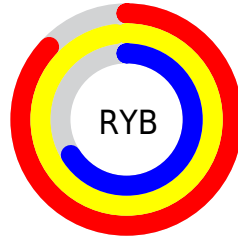
The Hex color **FBDBA9** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **A9C9FB**, and the grayscale version is **DFDFDF**.

A 20% lighter version of the original color is **FFFFE1**, and **C1A474** is the 20% darker color. If you saturate the color by 10%, you get **FBD190**, and if you desaturate by 10%, it is **FBE5C2**.

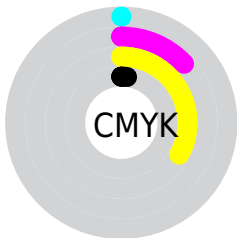
# Distribution



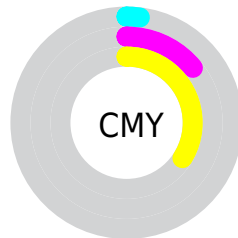
- Red (98%)
- Green (86%)
- Blue (66%)



- Red (87%)
- Yellow (98%)
- Blue (66%)



- Cyan (0%)
- Magenta (13%)
- Yellow (33%)
- Black (2%)



- Cyan (2%)
- Magenta (14%)
- Yellow (34%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FBDBA9 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 FBDBA9 by changing the saturation by 10% instead.



 FBDBA9

 FBDBA9

FFFFFF

 DEBF8E

 FFFFE1

 C1A474

FFFFFFD

 A58A5C

 8A7143

 70582C

 564116

 3E2B00

 251700

 000000

 FBDBA9

 FBDBA9

 FBD190

 FBE5C2

 FBC777

 FB EFDB

 FB BE5E

 FB F8F4

 FB B445

 FB FFFF

 FB AA2C

 FB A012

 FB 9900

# Harmonies

## Analogous

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



FFD2B5



FBDBA9



DEE4AC

# Triad

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



FBDBA9



90EFF3



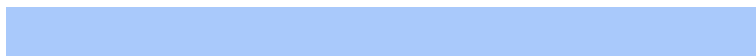
FCD2FF

# Complementary

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



FBDBA9



A9C9FB

# 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.



DADBFF



FBDBA9



97EBFF

# Square

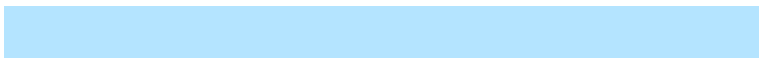
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



FBDBA9



A2EFD7



B4E4FF



FFCCE8

# Rectangle

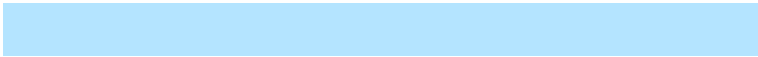
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



FBD8A9



C9E9B6



B4E4FF



F2D5FF

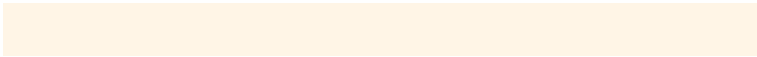


# Sweetspot

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



FDBA9



FFF5E6



FBA9CA



807A70



000000



808080



# Same Dimension

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



FBDBA9



FFD89C



F3FBA9



7D7870



BD7300



3D2500



# Inverse Universe

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



A9C9FB



9CC2FF



B1A9FB



70757D



004ABD



00183D



# Previews

## White Background



This preview shows how the Hex color FBDBA9 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 FBDBA9 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

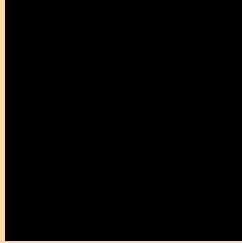
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex FBDBA9 Background



This preview shows how black text looks on a background with the Hex color FBDBA9.

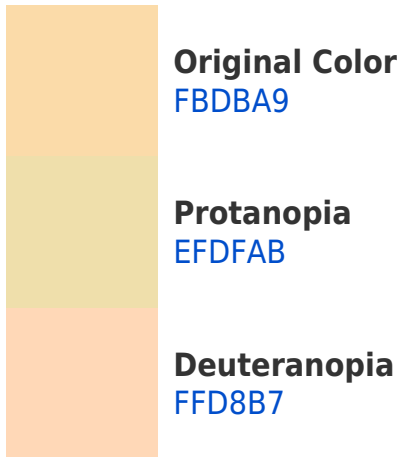


This preview shows how white text looks on a background with the Hex color FBDBA9.

# 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](#).

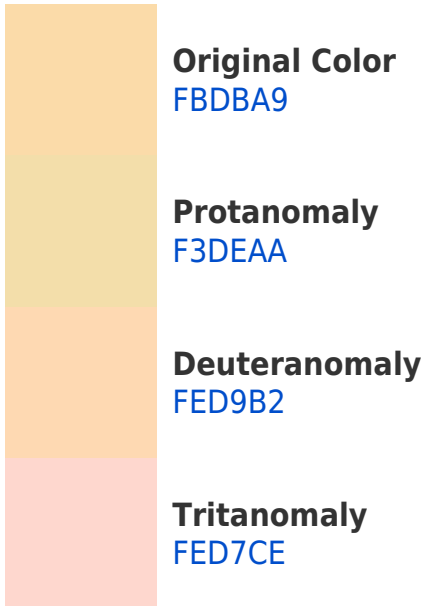
## Dichromacy





**Tritanopia**  
FFD4E3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex FBDBA9 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 #FBDBA9 looks like.

```
.text, #text, p{  
    color:#FBDBA9  
}
```

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 #FBDBA9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FBDBA9
}
```

## Border

The CSS property to change the border of an element to Hex FBDBA9 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
#FBDBA9 }
```

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

```
.border{ border-color:#FBDBA9 }
```

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

Here you see how a box with a 4 pixel #FBDBA9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FBDBA9; -webkit-box-shadow:4px 4px  
4px 4px #FBDBA9; box-shadow:4px 4px 4px  
4px #FBDBA9 }
```

# Background

The CSS property to change the background color of an element to Hex FBDBA9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FBDBA9 }
```

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

```
.background{ background-color:#FBDBA9 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor