

# Converting Colors

Hex(FBD885)

Have a look what the booklet for  
Hex(FBD885) contains.

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# **Color**

**Hex(FBD885)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FBD885
RGB	251, 216, 133
RGB Percent	98%, 85%, 52%
CMY	0.0157, 0.1529, 0.4784
CMYK	0.00, 0.14, 0.47, 0.02
HSL	42°, 94%, 75%
HSV	42°, 47%, 98%
XYZ	68.5732, 71.3144, 32.3412
YIQ	217.0030, 47.5030, -18.3930

# Conversions

## Conversions Part 2

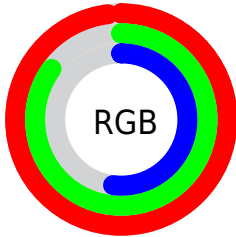
Format	Color
<a href="#">RYB</a>	<a href="#">183, 251, 133</a>
Decimal	<a href="#">16504965</a>
CIELab	<a href="#">87.64, 1.73, 45.24</a>
CIElCh	<a href="#">88, 45.276, 87.809</a>
Yxy	<a href="#">71.3144, 0.3982, 0.4141</a>
Android (android.graphics.Color)	<a href="#">4294695045</a> ( <a href="#">0xFFFFBD885</a> )
YUV	<a href="#">217.0030, -41.4135, 29.8154</a>
Hunter-Lab	<a href="#">84.4479, -2.8386, 36.4071</a>

# Details

The Hex color **FBD885** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **85A8FB**, and the grayscale version is **D9D9D9**.

A 20% lighter version of the original color is **FFFFBB**, and **C0A151** is the 20% darker color. If you saturate the color by 10%, you get **FBD16C**, and if you desaturate by 10%, it is **FBDF9E**.

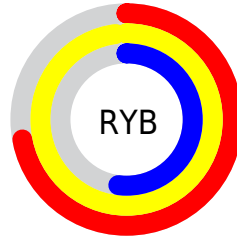
# Distribution



Red (98%)

Green (85%)

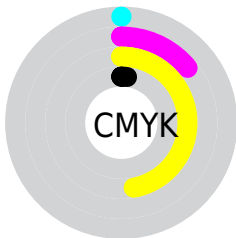
Blue (52%)



Red (72%)

Yellow (98%)

Blue (52%)

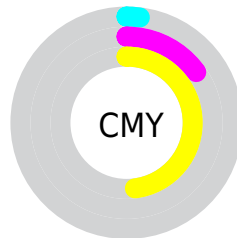


Cyan (0%)

Magenta (14%)

Yellow (47%)

Black (2%)



Cyan (2%)

Magenta (15%)

Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FBD885 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 FBD885 by changing the saturation by 10% instead.



 FBD885

 FBD885

FFFFFF

 DDBC6B


 FFFFBB

 C0A151

 FFFFD7

 A48738

 FFFFF4

 886E1F

 6D5601

 533F00

 392900

 201500

 000000

 FBD885

 FBD885

 FBD16C

 FBDF9E

 FBC953

 FBE7B7

 FBC23A

 FBEEED0

 FBBA21

 FBF6E9

 FBB308

 FBFDFE

 FBB100

 FBFFFF

# Harmonies

## Analogous

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



FFC994



FBD885



CFE58E

# Triad

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



FBD885



26F2FF



FFC3FF

# Complementary

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



FBD885



85A8FB

# 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.



DCD2FF



FBD885



4BECFF

# Square

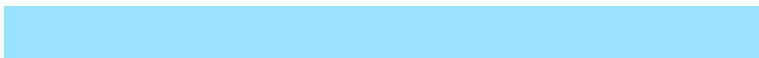
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



FBD885



62F3D7



98E1FF



FFBAE1

# Rectangle

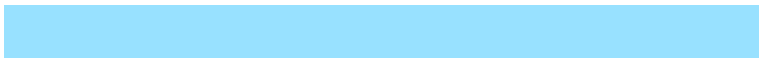
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



FBD885



ADECA0



98E1FF



FFC7FF



# Sweetspot

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



FBD885



FFF4DB



FB85A8



80796A



000000



808080



# Same Dimension

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



FBD885



FFD570



E3FB85



7D7970



BD8500



3D2B00



# Inverse Universe

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



85A8FB



709BFF



9D85FB



70747D



0038BD



00123D



# Previews

## White Background



This preview shows how the Hex color FBD885 looks on a white background.

## Color Contrast Check

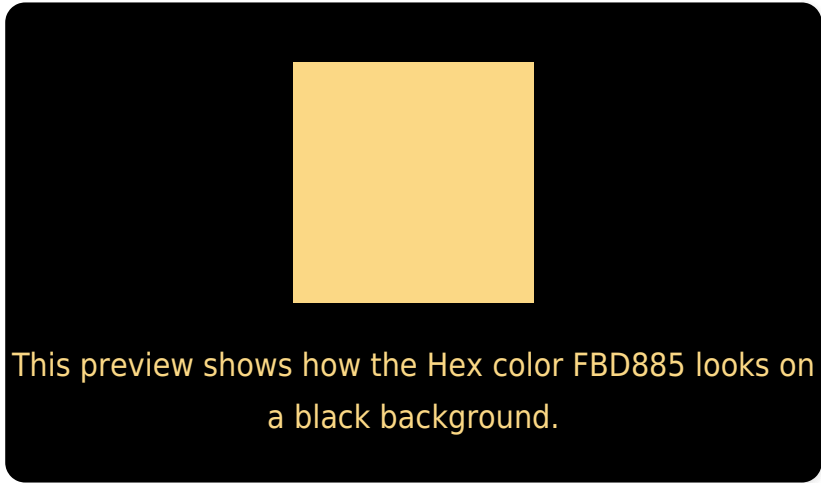
Large Text (above 18pt) WCAG AA × Fail

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 FBD885 Background



This preview shows how black text looks on a background with the Hex color FBD885.

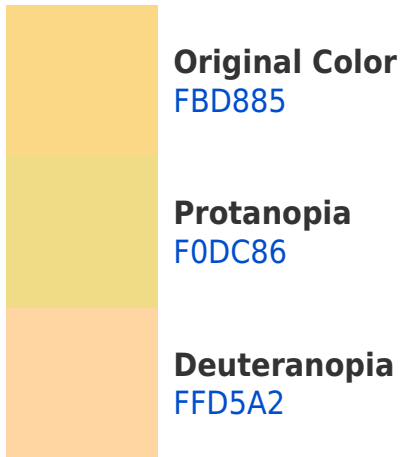


This preview shows how white text looks on a background with the Hex color FBD885.

# 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](#).

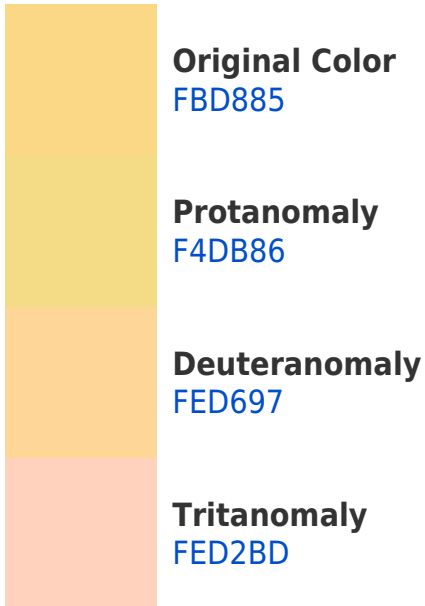
## Dichromacy



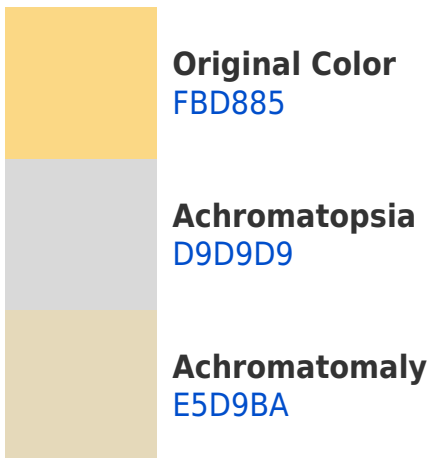


**Tritanopia**  
FFCFDD

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex FBD885 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 #FBD885 looks like.

```
.text, #text, p{  
    color:#FBD885  
}
```

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 #FBD885 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FBD885
}
```

## Border

The CSS property to change the border of an element to Hex FBD885 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
#FBD885 }
```

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

```
.border{ border-color:#FBD885 }
```

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

Here you see how a box with a 4 pixel #FBD885 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FBD885; -webkit-box-shadow:4px 4px  
4px 4px #FBD885; box-shadow:4px 4px 4px  
4px #FBD885 }
```

# Background

The CSS property to change the background color of an element to Hex FBD885 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FBD885 }
```

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

```
.background{ background-color:#FBD885 }
```

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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