

# Converting Colors

Hex(FDB499)

Have a look what the booklet for  
Hex(FDB499) contains.

|  |    |
|--|----|
| <b>Hex(FDB499)</b> .....                       | 3  |
| <i><b>Conversions</b></i> .....                | 4  |
| <i><b>Details</b></i> .....                    | 6  |
| <i><b>Harmonies</b></i> .....                  | 11 |
| <i><b>Previews</b></i> .....                   | 23 |
| <i><b>Color Blindness Simulation</b></i> ..... | 26 |
| <i><b>CSS Examples</b></i> .....               | 29 |

# **Color**

**Hex(FDB499)**

# Conversions

## Conversions Part 1

| Format      | Color                     |
|-------------|---------------------------|
| Hex         | FDB499                    |
| RGB         | 253, 180, 153             |
| RGB Percent | 99%, 71%, 60%             |
| CMY         | 0.0078, 0.2941, 0.4000    |
| CMYK        | 0.00, 0.29, 0.40, 0.01    |
| HSL         | 16°, 96%, 80%             |
| HSV         | 16°, 40%, 99%             |
| XYZ         | 62.5790, 55.8251, 37.6140 |
| YIQ         | 198.7490, 52.1750, 7.0790 |

# Conversions

## Conversions Part 2

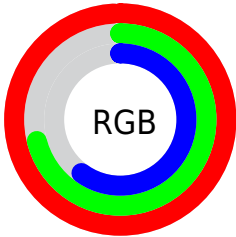
| <b>Format</b>                       | <b>Color</b>                   |
|-------------------------------------|--------------------------------|
| <b>R<sub>YB</sub></b>               | 253, 190, 153                  |
| Decimal                             | 16626841                       |
| CIE <sub>Lab</sub>                  | 79.51, 23.28, 24.35            |
| CIE <sub>LCh</sub>                  | 80, 33.685, 46.285             |
| Yxy                                 | 55.8251, 0.4011,<br>0.3578     |
| Android<br>(android.graphics.Color) | 4294816921<br>(0xFFFDB499)     |
| YUV                                 | 198.7490, -22.5543,<br>47.5781 |
| Hunter-Lab                          | 74.7162, 18.7506,<br>22.4532   |

# Details

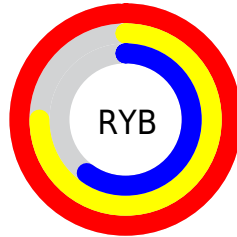
The Hex color **FDB499** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **99E2FD**, and the grayscale version is **C7C7C7**.

A 20% lighter version of the original color is **FFECCF**, and **C27F66** is the 20% darker color. If you saturate the color by 10%, you get **FDA280**, and if you desaturate by 10%, it is **FDC6B2**.

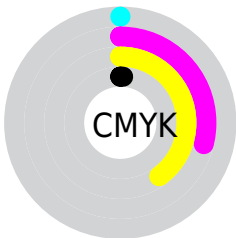
# Distribution



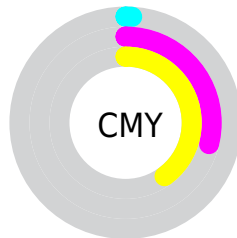
- Red (99%)
- Green (71%)
- Blue (60%)



- Red (99%)
- Yellow (75%)
- Blue (60%)



- Cyan (0%)
- Magenta (29%)
- Yellow (40%)
- Black (1%)



- Cyan (1%)
- Magenta (29%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FDB499 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 FDB499 by changing the saturation by 10% instead.



 FDB499

FFFFFF

 FFECCF

 FFFFEC

 FDB499

 DF997F

 C27F66

 A6654E

 8A4D37

 6E3621

 541F0B

 3A0800

 230001

 000000

 FDB499

 FDB499

 FDA280

 FDC6B2

 FD8F66

 FDD9CC

 FD7D4D

 FDEBE5

 FD6A34

 FDFEFE

 FD581A

 FDFFFF

 FD4501

 FD4400

# Harmonies

## Analogous

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



FFAEB5



FDB499



E8BE88

# Triad

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



FDB499



82D5B5



B5C2FF

# Complementary

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



FDB499



99E2FD

# 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.



87CCFF



FDB499



65D6D5

# Square

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



FDB499



A6D199



64D3F1



DEB7F1

# Rectangle

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



FDB499



D5C586



64D3F1



A6C6FF

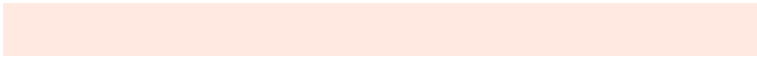


# Sweetspot

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



FDB499



FFE9E0



FD99E2



80726E



000000



808080



# Same Dimension

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



FDB499



FFA887



FDE699



807673



BF3400

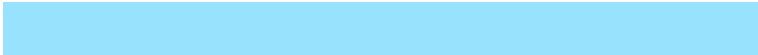


401100

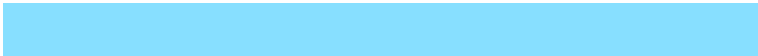


# Inverse Universe

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



99E2FD



87DFFF



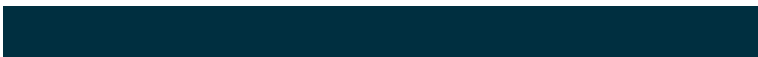
99B0FD



737C80



008CBF



002F40



# Previews

## White Background



This preview shows how the Hex color FDB499 looks on a white background.

## Color Contrast Check

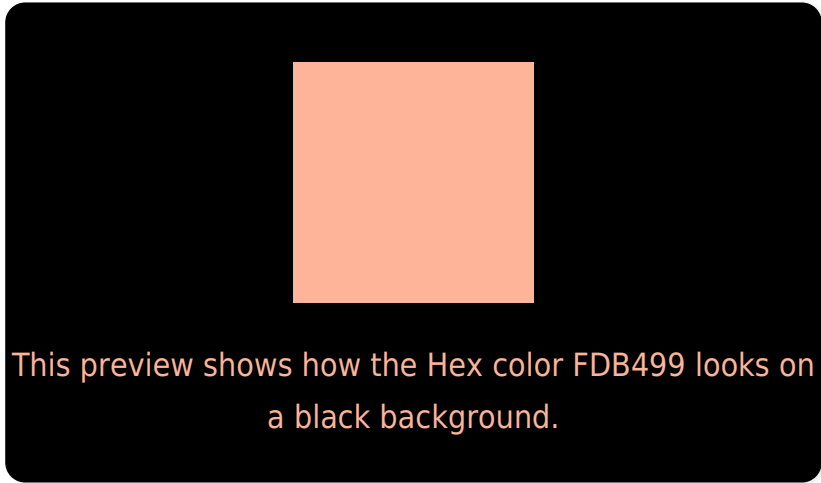
Large Text (above 18pt) WCAG AA × Fail

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 FDB499 Background



This preview shows how black text looks on a background with the Hex color FDB499.

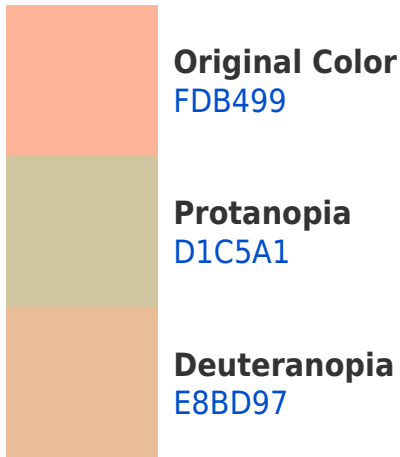



This preview shows how white text looks on a background with the Hex color FDB499.

# 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](#).

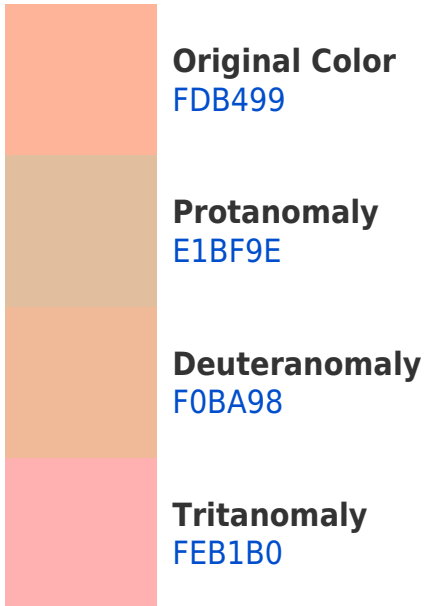
## Dichromacy



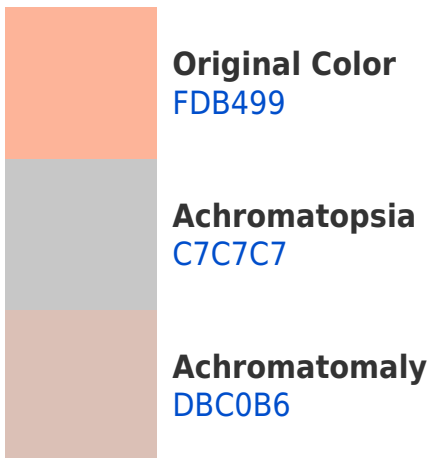


**Tritanopia**  
FFB0BD

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex FDB499 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 #FDB499 looks like.

```
.text, #text, p{  
    color:#FDB499  
}
```

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 #FDB499 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FDB499
}
```

## Border

The CSS property to change the border of an element to Hex FDB499 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
#FDB499 }
```

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

```
.border{ border-color:#FDB499 }
```

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

Here you see how a box with a 4 pixel #FDB499 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FDB499; -webkit-box-shadow:4px 4px  
4px 4px #FDB499; box-shadow:4px 4px 4px  
4px #FDB499 }
```

# Background

The CSS property to change the background color of an element to Hex FDB499 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FDB499 }
```

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

```
.background{ background-color:#FDB499 }
```

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