

# Converting Colors

Hex(FDB09C)

Have a look what the booklet for  
Hex(FDB09C) contains.

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# **Color**

**Hex(FDB09C)**

# Conversions

## Conversions Part 1

| Format      | Color                      |
|-------------|----------------------------|
| Hex         | FDB09C                     |
| RGB         | 253, 176, 156              |
| RGB Percent | 99%, 69%, 61%              |
| CMY         | 0.0078, 0.3098, 0.3882     |
| CMYK        | 0.00, 0.30, 0.38, 0.01     |
| HSL         | 12°, 96%, 80%              |
| HSV         | 12°, 38%, 99%              |
| XYZ         | 62.0341, 54.3336, 38.6704  |
| YIQ         | 196.7430, 52.3120, 10.1040 |

# Conversions

## Conversions Part 2

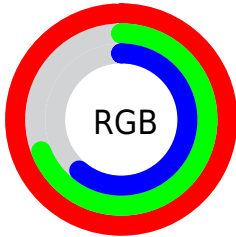
| <b>Format</b>                       | <b>Color</b>                   |
|-------------------------------------|--------------------------------|
| R <sub>Y</sub> B                    | 253, 181, 156                  |
| Decimal                             | 16625820                       |
| CIE Lab                             | 78.66, 25.71, 21.57            |
| CIE LCh                             | 79, 33.558, 39.987             |
| Yxy                                 | 54.3336, 0.4001,<br>0.3505     |
| Android<br>(android.graphics.Color) | 4294815900<br>(0xFFFD09C)      |
| YUV                                 | 196.7430, -20.0863,<br>49.3374 |
| Hunter-Lab                          | 73.7113, 21.2274,<br>20.4933   |

# Details

The Hex color **FDB09C** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **9CE9FD**, and the grayscale version is **C5C5C5**.

A 20% lighter version of the original color is **FFE8D3**, and **C27B69** is the 20% darker color. If you saturate the color by 10%, you get **FD9C83**, and if you desaturate by 10%, it is **FDC4B5**.

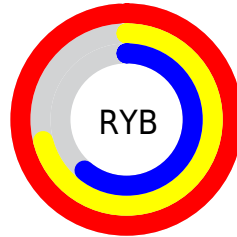
# Distribution



Red (99%)

Green (69%)

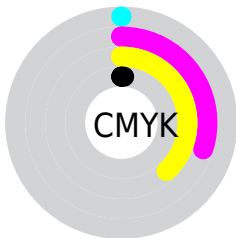
Blue (61%)



Red (99%)

Yellow (71%)

Blue (61%)

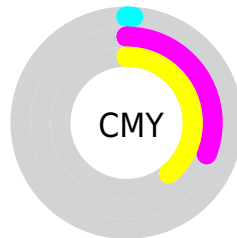


Cyan (0%)

Magenta (30%)

Yellow (38%)

Black (1%)



Cyan (1%)

Magenta (31%)

Yellow (39%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FDB09C 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 FDB09C by changing the saturation by 10% instead.



 FDB09C

FFFFFF

 FFE8D3

 FFFFEF

 FDB09C

 DF9582

 C27B69

 A66250

 8A4939

 6E3224

 541B0F

 3A0400

 220001

 000000

 FDB09C

 FDB09C

 FD9C83

 FDC4B5

 FD8869

 FDD8CF

 FD7450

 FDECE8

 FD6037

FDFFFF

 FD4C1E

 FD3704

 FD3400

# Harmonies

## Analogous

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



FFABB9



FDB09C



EBBA89

# Triad

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



FDB09C



87D2AC



A9C2FF

# Complementary

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



FDB09C



9CE9FD

# 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.



7CCCFD



FDB09C



67D4CC

# Square

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



FDB09C



ACCD92



5FD2EA



D4B7F3

# Rectangle

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



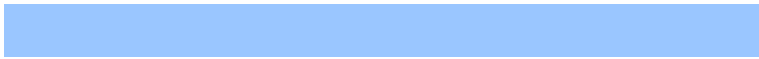
FDB09C



D9C184



5FD2EA



9AC6FF

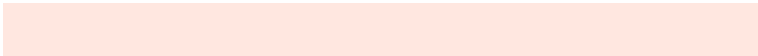


# Sweetspot

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



FDB09C



FFE7E0



FD9CEA



80716E



000000



808080



# Same Dimension

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



FDB09C



FFA28A



FDE09C



807573



BF2700

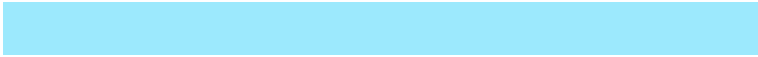


400D00

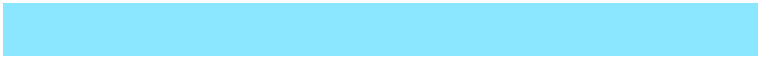


# Inverse Universe

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



9CE9FD



8AE7FF



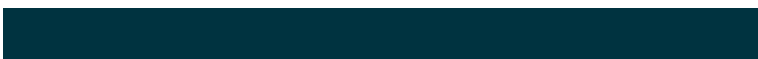
9CB9FD



737D80



0098BF



003340



# Previews

## White Background



This preview shows how the Hex color FDB09C looks on a white background.

## Color Contrast Check

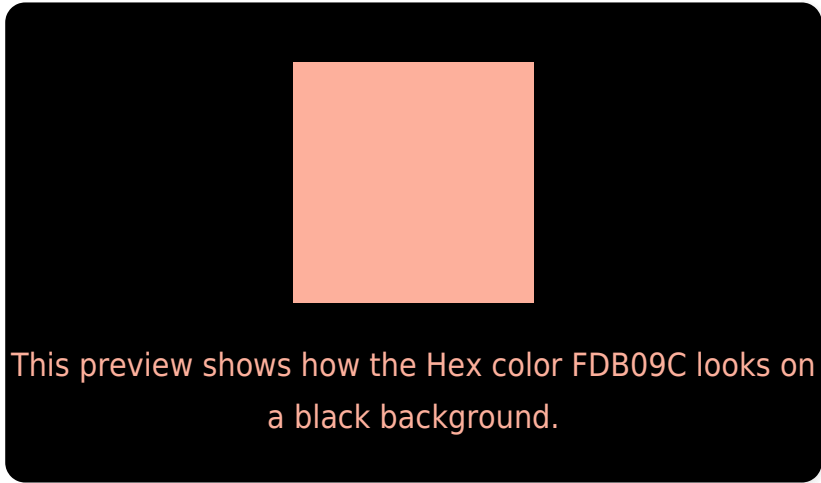
Large Text (above 18pt) WCAG AA × Fail

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

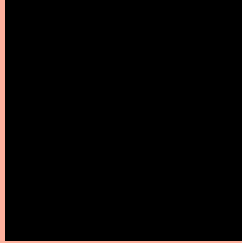
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex FDB09C Background



This preview shows how black text looks on a background with the Hex color FDB09C.

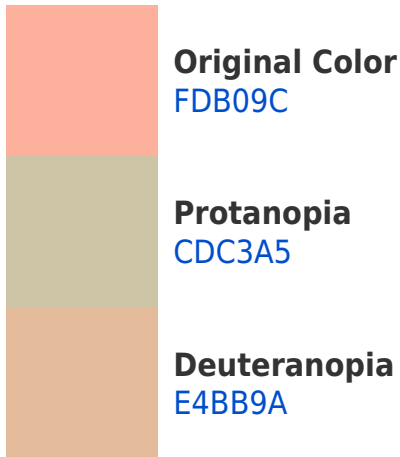


This preview shows how white text looks on a background with the Hex color FDB09C.

# 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



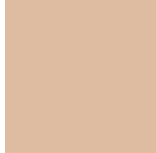


**Tritanopia**  
FFACB9

# Trichromacy



**Original Color**  
FDB09C



**Protanomaly**  
DEBCA2



**Deuteranomaly**  
EDB79B

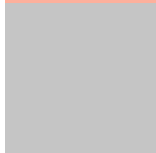


**Tritanomaly**  
FEADAE

# Monochromacy



**Original Color**  
FDB09C



**Achromatopsia**  
C5C5C5



**Achromatomaly**  
D9DBB6

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FDB09C 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 #FDB09C looks like.

```
.text, #text, p{  
    color:#FDB09C  
}
```

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 #FDB09C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FDB09C
}
```

## Border

The CSS property to change the border of an element to Hex FDB09C 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
#FDB09C }
```

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

```
.border{ border-color:#FDB09C }
```

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

Here you see how a box with a 4 pixel #FDB09C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FDB09C; -webkit-box-shadow:4px 4px  
4px 4px #FDB09C; box-shadow:4px 4px 4px  
4px #FDB09C }
```

# Background

The CSS property to change the background color of an element to Hex FDB09C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FDB09C }
```

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

```
.background{ background-color:#FDB09C }
```

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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