

# Converting Colors

Hex(FFB09E)

Have a look what the booklet for  
Hex(FFB09E) contains.

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# **Color**

**Hex(FFB09E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFB09E
RGB	255, 176, 158
RGB Percent	100%, 69%, 62%
CMY	0.0000, 0.3098, 0.3804
CMYK	0.00, 0.31, 0.38, 0.00
HSL	11°, 100%, 81%
HSV	11°, 38%, 100%
XYZ	62.9369, 54.7793, 39.6041
YIQ	197.5690, 52.8620, 11.1500

# Conversions

## Conversions Part 2

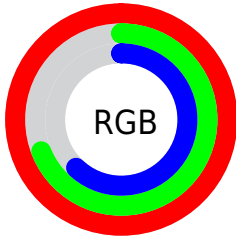
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	255, 180, 158
Decimal	16756894
CIE Lab	78.91, 26.69, 20.88
CIE LCh	79, 33.889, 38.032
Yxy	54.7793, 0.4001, 0.3482
Android (android.graphics.Color)	4294946974 (0xFFFFB09E)
YUV	197.5690, -19.5075, 50.3670
Hunter-Lab	74.0130, 22.2644, 20.0833

# Details

The Hex color **FFB09E** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **9EEDFF**, and the grayscale version is **C6C6C6**.

A 20% lighter version of the original color is **FFE8D5**, and **C47B6B** is the 20% darker color. If you saturate the color by 10%, you get **FF9B84**, and if you desaturate by 10%, it is **FFC5B8**.

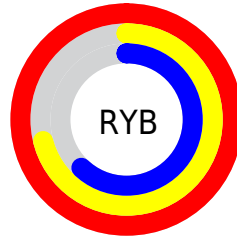
# Distribution



Red (100%)

Green (69%)

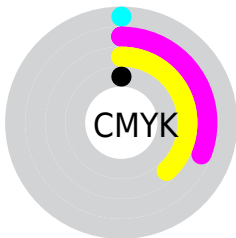
Blue (62%)



Red (100%)

Yellow (71%)

Blue (62%)

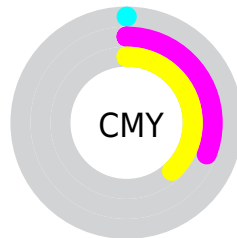


Cyan (0%)

Magenta (31%)

Yellow (38%)

Black (0%)



Cyan (0%)

Magenta (31%)

Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FFB09E 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 FFB09E by changing the saturation by 10% instead.



 FFB09E

 FFB09E

FFFFFF

 E19584

 FFE8D5

 C47B6B

 FFFFF1

 A76252

 8B493B

 703125

 551A11

 3B0300

 240001

 000000

 #FFB09E

 #FFB09E

 #FF9B84

 #FFC5B8

 #FF866B

 #FFDAD1

 #FF7252

 #FFEEEE

 #FF5D38

#FFFFFF

 #FF481F

 #FF3305

 #FF2F00

# Harmonies

## Analogous

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



FFACBC



FFB09E



EDB98A

# Triad

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



FFB09E



89D3AB



A7C3FF

# Complementary

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



FFB09E



9EEDFF

# 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.



78CDFD



FFB09E



68D5CB

# Square

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



FFB09E



AECD91



5DD3E9



D3B8F5

# Rectangle

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



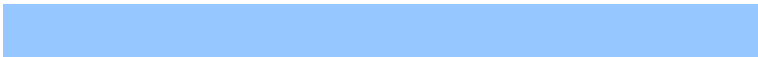
FFB09E



DBC184



5DD3E9



97C7FF

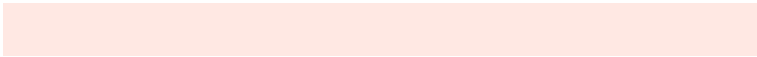


# Sweetspot

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



FFB09E



FFE8E3



FF9EED



80726F



000000



808080



# Same Dimension

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



FFB09E



FF9F8A



FFE09E



807573



BF2300

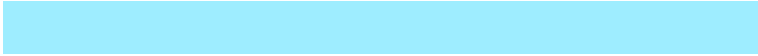


400C00

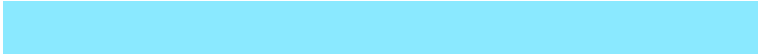


# Inverse Universe

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



9EEDFF



8AE9FF



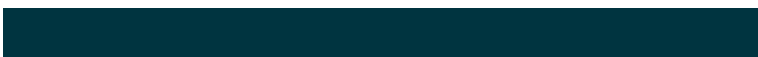
9EBDFF



737D80



009CBF

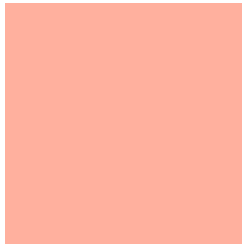


003440



# Previews

## White Background



This preview shows how the Hex color FFB09E looks on a white background.

## Color Contrast Check

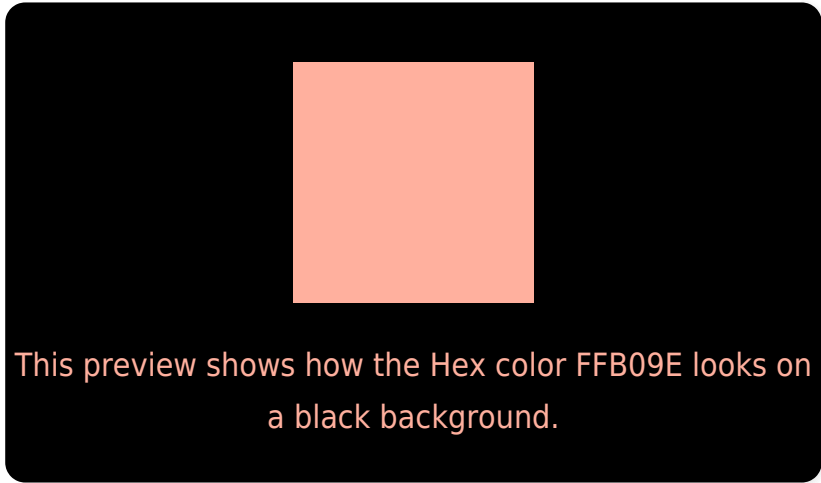
Large Text (above 18pt) WCAG AA × Fail

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 FFB09E Background



This preview shows how black text looks on a background with the Hex color FFB09E.

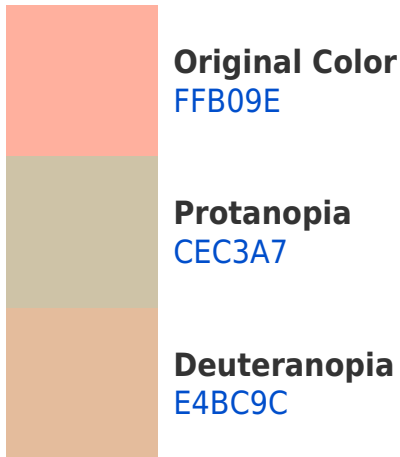


This preview shows how white text looks on a background with the Hex color FFB09E.

# Color Blindness Simulation

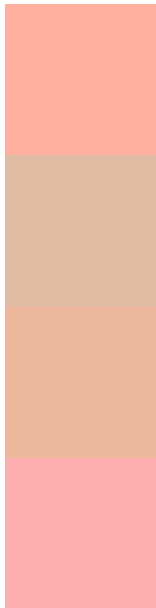
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



**Original Color**  
FFB09E

**Protanomaly**  
E0BCA4

**Deuteranomaly**  
EEB89D

**Tritanomaly**  
FFAEB0

# Monochromacy



**Original Color**  
FFB09E

**Achromatopsia**  
C6C6C6

**Achromatomaly**  
DBBEB7

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FFB09E 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 #FFB09E looks like.

```
.text, #text, p{  
    color:#FFB09E  
}
```

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 #FFB09E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFB09E
}
```

## Border

The CSS property to change the border of an element to Hex FFB09E 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
#FFB09E }
```

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

```
.border{ border-color:#FFB09E }
```

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

Here you see how a box with a 4 pixel #FFB09E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFB09E; -webkit-box-shadow:4px 4px  
4px 4px #FFB09E; box-shadow:4px 4px 4px  
4px #FFB09E }
```

# Background

The CSS property to change the background color of an element to Hex FFB09E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFB09E }
```

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

```
.background{ background-color:#FFB09E }
```

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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