

# Converting Colors

Hex(FB9E84)

Have a look what the booklet for  
Hex(FB9E84) contains.

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# **Color**

**Hex(FB9E84)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FB9E84
RGB	251, 158, 132
RGB Percent	98%, 62%, 52%
CMY	0.0157, 0.3804, 0.4824
CMYK	0.00, 0.37, 0.47, 0.02
HSL	13°, 94%, 75%
HSV	13°, 47%, 98%
XYZ	56.1754, 46.6289, 27.8693
YIQ	182.8430, 63.7740, 11.6300

# Conversions

## Conversions Part 2

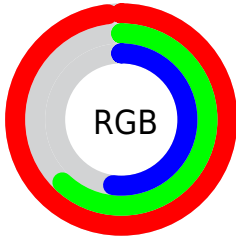
Format	Color
R <sub>Y</sub> B	251, 165, 132
Decimal	16490116
CIE Lab	73.95, 31.88, 28.10
CIE LCh	74, 42.500, 41.398
Yxy	46.6289, 0.4299, 0.3568
Android (android.graphics.Color)	4294680196 (0xFFFB9E84)
YUV	182.8430, -25.0656, 59.7737
Hunter-Lab	68.2854, 27.3448, 23.6017

# Details

The Hex color **FB9E84** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **84E1FB**, and the grayscale version is **B7B7B7**.

A 20% lighter version of the original color is **FFD5B9**, and **BF6A52** is the 20% darker color. If you saturate the color by 10%, you get **FB8A6B**, and if you desaturate by 10%, it is **FBB29D**.

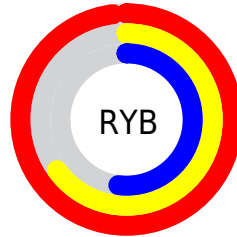
# Distribution



Red (98%)

Green (62%)

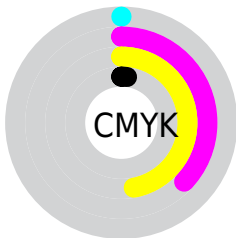
Blue (52%)



Red (98%)

Yellow (65%)

Blue (52%)

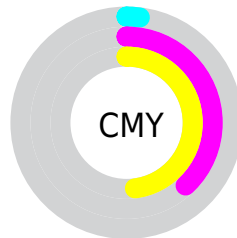


Cyan (0%)

Magenta (37%)

Yellow (47%)

Black (2%)



Cyan (2%)

Magenta (38%)

Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FB9E84 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 FB9E84 by changing the saturation by 10% instead.



 FB9E84

FFFFFF

 FFD5B9

 FFF2D5

 FFFFF1

 FB9E84

 DD836B

 BF6A52

 A2503B

 853825

 692010

 4E0500

 330000

 0F0000

 000000

 FB9E84

 FB9E84

 FB8A6B

 FBB29D

 FB7752

 FBC5B6

 FB6339

 FBD9CF

 FB5020

 FBEC E8

 FB3C07

 FBFFFF

 FB3700

# Harmonies

## Analogous

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



FF97A8



FB9E84



E4AB6C

# Triad

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



FB9E84



63C99C



94B5FF

# Complementary

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



FB9E84



84E1FB

# 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.



4AC1FF



FB9E84



16CBC4

# Square

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



FB9E84



95C27A



00C8E8



CDA6F1

# Rectangle

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



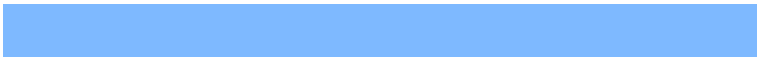
FB9E84



CDB467



00C8E8



7EB9FF

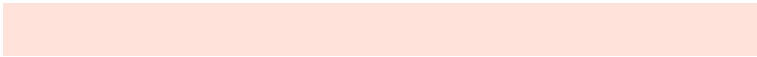


# Sweetspot

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



FB9E84



FFE3DB



FB84E1



806F6A



000000



808080



# Same Dimension

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



FB9E84



FF8D6E



FBD984



7D7370



BD2900

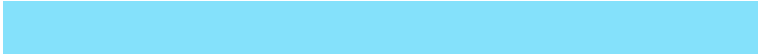


3D0D00



# Inverse Universe

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



84E1FB



6EDFFF



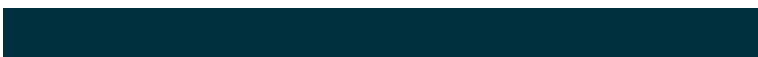
84A6FB



707A7D



0093BD



00303D



# Previews

## White Background



This preview shows how the Hex color FB9E84 looks on a white background.

## Color Contrast Check

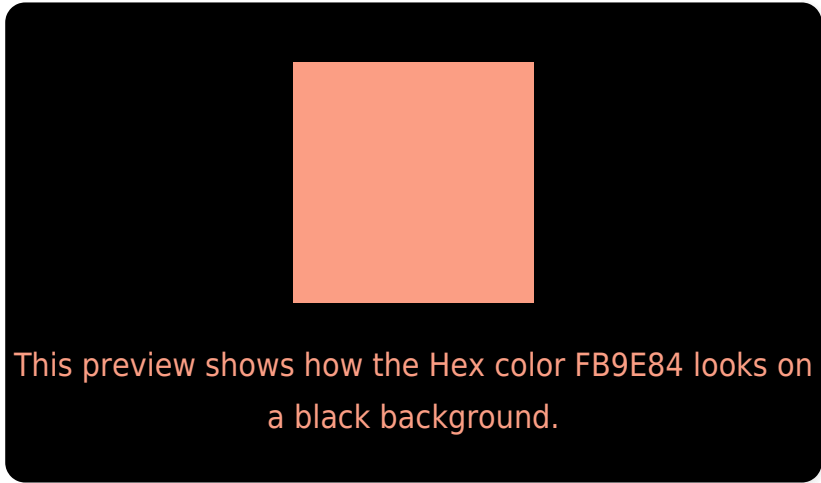
Large Text (above 18pt) WCAG AA × Fail

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 FB9E84 Background



This preview shows how black text looks on a background with the Hex color FB9E84.

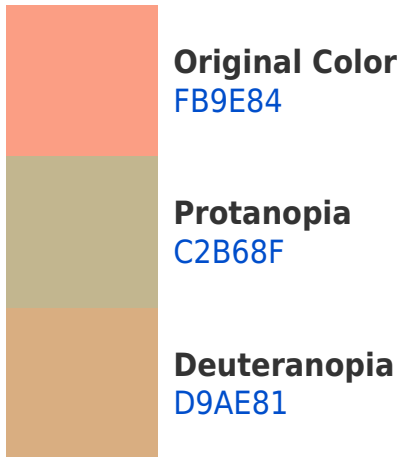


This preview shows how white text looks on a background with the Hex color FB9E84.

# 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



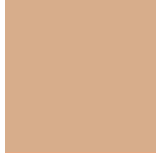


**Tritanopia**  
FE99A5

# Trichromacy



**Original Color**  
FB9E84



**Protanomaly**  
D7AD8B



**Deuteranomaly**  
E5A882

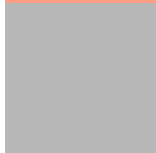


**Tritanomaly**  
FD9B99

# Monochromacy



**Original Color**  
FB9E84



**Achromatopsia**  
B7B7B7



**Achromatomaly**  
D0AEA4

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FB9E84 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 #FB9E84 looks like.

```
.text, #text, p{  
    color:#FB9E84  
}
```

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 #FB9E84 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FB9E84  
}
```

## Border

The CSS property to change the border of an element to Hex FB9E84 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  
#FB9E84 }
```

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

```
.border{ border-color:#FB9E84 }
```

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

Here you see how a box with a 4 pixel #FB9E84 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FB9E84; -webkit-box-shadow:4px 4px  
4px 4px #FB9E84; box-shadow:4px 4px 4px  
4px #FB9E84 }
```

# Background

The CSS property to change the background color of an element to Hex FB9E84 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FB9E84 }
```

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

```
.background{ background-color:#FB9E84 }
```

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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