

# Converting Colors

Hex(FFB78C)

Have a look what the booklet for  
Hex(FFB78C) contains.

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# **Color**

**Hex(FFB78C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFB78C
RGB	255, 183, 140
RGB Percent	100%, 72%, 55%
CMY	0.0000, 0.2824, 0.4510
CMYK	0.00, 0.28, 0.45, 0.00
HSL	22°, 100%, 77%
HSV	22°, 45%, 100%
XYZ	62.9071, 57.0204, 32.5014
YIQ	199.6260, 56.7150, 1.8910

# Conversions

## Conversions Part 2

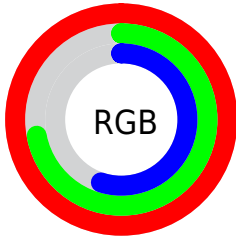
Format	Color
R <sub>Y</sub> B	255, 209, 140
Decimal	16758668
CIE Lab	80.19, 21.12, 32.18
CIE LCh	80, 38.495, 56.726
Yxy	57.0204, 0.4127, 0.3741
Android (android.graphics.Color)	4294948748 (0xFFFFB78C)
YUV	199.6260, -29.3956, 48.5630
Hunter-Lab	75.5119, 16.5583, 27.3390

# Details

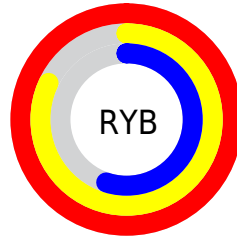
The Hex color **FFB78C** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **8CD4FF**, and the grayscale version is **C8C8C8**.

A 20% lighter version of the original color is **FFEFC2**, and **C48259** is the 20% darker color. If you saturate the color by 10%, you get **FFA773**, and if you desaturate by 10%, it is **FFC7A6**.

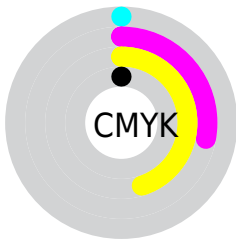
# Distribution



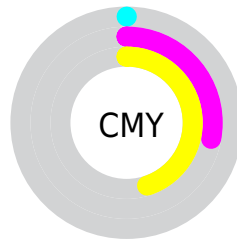
- Red (100%)
- Green (72%)
- Blue (55%)



- Red (100%)
- Yellow (82%)
- Blue (55%)



- Cyan (0%)
- Magenta (28%)
- Yellow (45%)
- Black (0%)



- Cyan (0%)
- Magenta (28%)
- Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FFB78C 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 FFB78C by changing the saturation by 10% instead.



 FFB78C

 FFB78C

FFFFFF

 E19C72

 FFEFC2

 C48259

 FFFFDE

 A76841

 FFFFFB

 8B502A

 6F3914

 542200

 3A0D00

 230001

 000000

 FFB78C

 FFB78C

 FFA773

 FFC7A6

 FF9759

 FFD7BF

 FF8740

 FFE7D9

 FF7726

 FFF7F2

 FF670D

FFFFFF

 FF5F00

# Harmonies

## Analogous

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



FFAEA8



FFB78C



E3C37F

# Triad

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



FFB78C



68DAC2



C6BFFF

# Complementary

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



FFB78C



8CD4FF

# 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.



8FCCFF



FFB78C



46DAE6

# Square

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



FFB78C



94D69E



58D5FF



F1B3EF

# Rectangle

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



FFB78C



CBCB81



58D5FF



B4C3FF

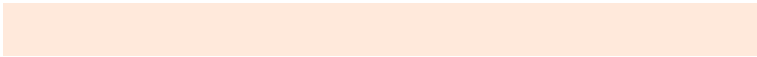


# Sweetspot

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



FFB78C



FFE9DB



FF8CD5



80726A



000000



808080



# Same Dimension

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



FFB78C



FFA975



FFF08C



807873



BF4800

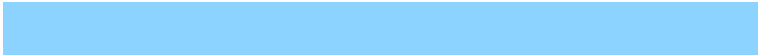


401800



# Inverse Universe

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



8CD4FF



75CCFF



8C9BFF



737B80



0078BF



002840



# Previews

## White Background



This preview shows how the Hex color FFB78C looks on a white background.

## Color Contrast Check

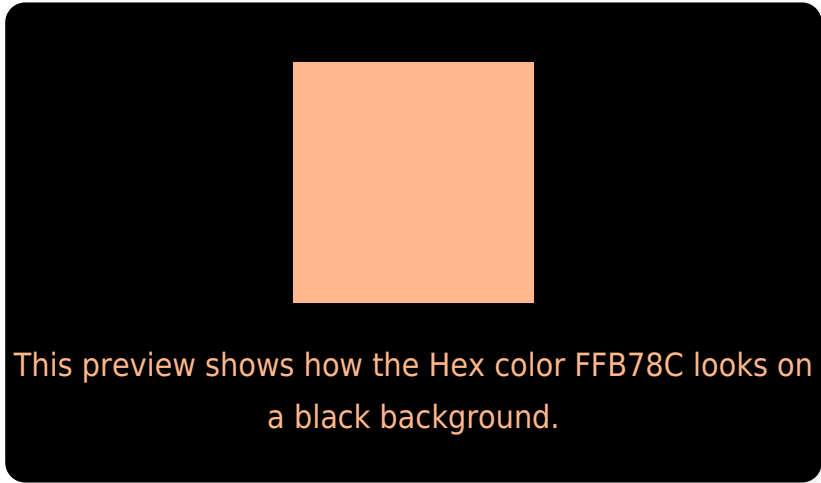
Large Text (above 18pt) WCAG AA × Fail

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

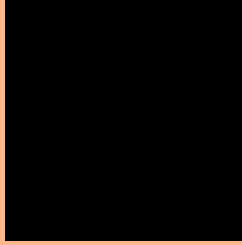
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex FFB78C Background



This preview shows how black text looks on a background with the Hex color FFB78C.

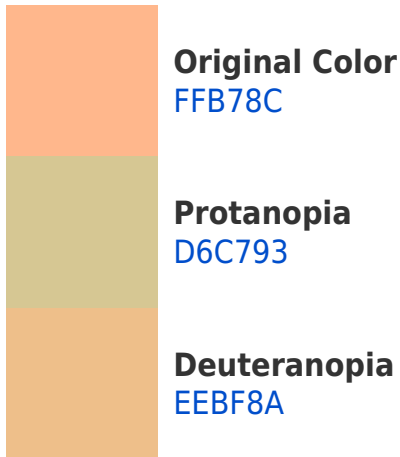


This preview shows how white text looks on a background with the Hex color FFB78C.

# 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](#).

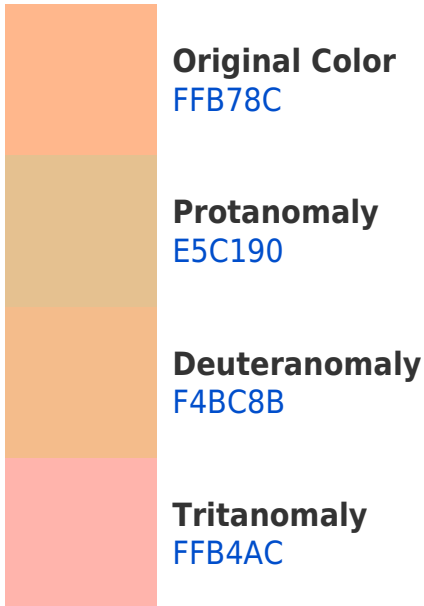
## Dichromacy



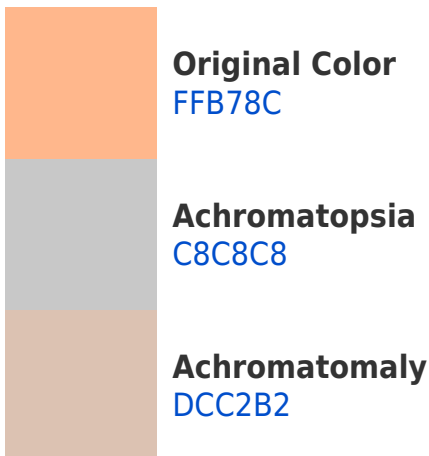


**Tritanopia**  
FFB2BF

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex FFB78C 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 #FFB78C looks like.

```
.text, #text, p{  
    color:#FFB78C  
}
```

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 #FFB78C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFB78C
}
```

## Border

The CSS property to change the border of an element to Hex FFB78C 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
#FFB78C }
```

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

```
.border{ border-color:#FFB78C }
```

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

Here you see how a box with a 4 pixel #FFB78C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFB78C; -webkit-box-shadow:4px 4px  
4px 4px #FFB78C; box-shadow:4px 4px 4px  
4px #FFB78C }
```

# Background

The CSS property to change the background color of an element to Hex FFB78C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFB78C }
```

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

```
.background{ background-color:#FFB78C }
```

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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