

# Converting Colors

Hex(FFB47B)

Have a look what the booklet for  
Hex(FFB47B) contains.

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# **Color**

**Hex(FFB47B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFB47B
RGB	255, 180, 123
RGB Percent	100%, 71%, 48%
CMY	0.0000, 0.2941, 0.5176
CMYK	0.00, 0.29, 0.52, 0.00
HSL	26°, 100%, 74%
HSV	26°, 52%, 100%
XYZ	61.1364, 55.3326, 26.1969
YIQ	195.9270, 62.9970, -1.8270

# Conversions

## Conversions Part 2

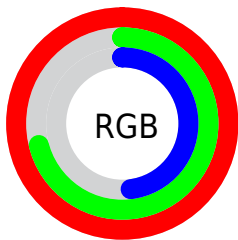
Format	Color
<a href="#">RYB</a>	<a href="#">255, 223, 123</a>
Decimal	<a href="#">16757883</a>
CIELab	<a href="#">79.23, 21.12, 39.80</a>
CIElCh	<a href="#">79, 45.060, 62.043</a>
Yxy	<a href="#">55.3326, 0.4285, 0.3878</a>
Android (android.graphics.Color)	<a href="#">4294947963</a> ( <a href="#">0xFFFFB47B</a> )
YUV	<a href="#">195.9270, -35.9530, 51.8070</a>
Hunter-Lab	<a href="#">74.3859, 16.5307, 31.1896</a>

# Details

The Hex color **FFB47B** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **7BC6FF**, and the grayscale version is **C4C4C4**.

A 20% lighter version of the original color is **FFECB0**, and **C37F49** is the 20% darker color. If you saturate the color by 10%, you get **FFA662**, and if you desaturate by 10%, it is **FFC295**.

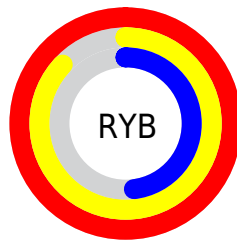
# Distribution



Red (100%)

Green (71%)

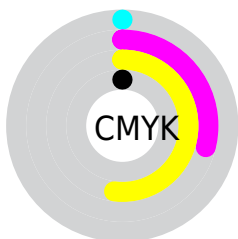
Blue (48%)



Red (100%)

Yellow (87%)

Blue (48%)

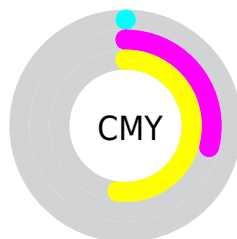


Cyan (0%)

Magenta (29%)

Yellow (52%)

Black (0%)



Cyan (0%)

Magenta (29%)

Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FFB47B 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 FFB47B by changing the saturation by 10% instead.



 FFB47B

 FFB47B

FFFFFF

 E19962

 FFECB0

 C37F49

 FFFFCC

 A66631

 FFFFEE

 894D19

 6D3600

 522000

 370A00

 200001

 000000

 #FFB47B

 #FFB47B

 #FFA662

 #FFC295

 #FF9748

 #FFD1AE

 #FF892F

 #FFDFC8

 #FF7A15

 #FFEEE1

 #FF6E00

 #FFFCFB

FFFFFF

# Harmonies

## Analogous

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



FFA79A



FFB47B



DCC36F

# Triad

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



FFB47B



3ADAC6



CCB8FF

# Complementary

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



FFB47B



7BC6FF

# 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.



8AC7FF



FFB47B



00D9EF

# Square

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



FFB47B



7DD79B



2ED3FF



FBAAE C

# Rectangle

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



FFB47B



C0CB75



2ED3FF



B8BEFF

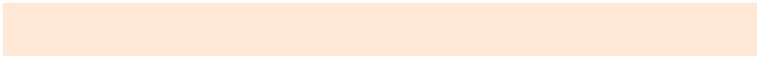


# Sweetspot

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



FFB47B



FFE8D6



FF7BC8



807267



000000



808080



# Same Dimension

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



FFB47B



FFA561



FFF47B



807873



BF5300

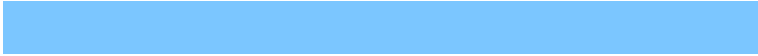


401C00



# Inverse Universe

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



7BC6FF



61BBFF



7B86FF



737A80



006DBF



002440



# Previews

## White Background



This preview shows how the Hex color FFB47B looks on a white background.

## Color Contrast Check

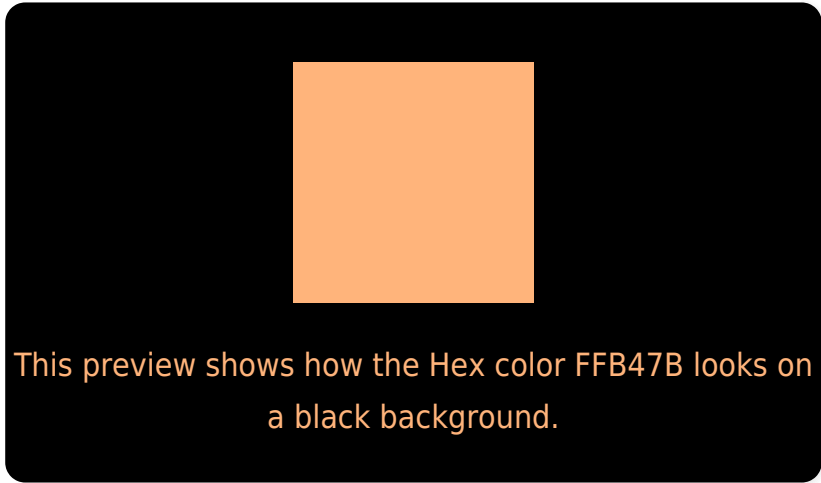
Large Text (above 18pt) WCAG AA × Fail

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 FFB47B Background



This preview shows how black text looks on a background with the Hex color FFB47B.

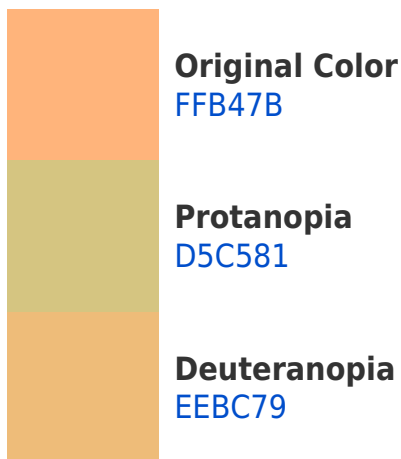


This preview shows how white text looks on a background with the Hex color FFB47B.

# Color Blindness Simulation

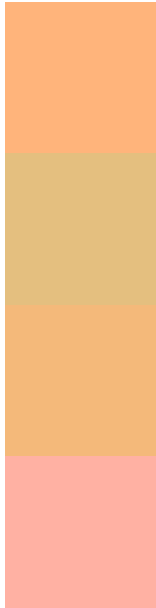
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



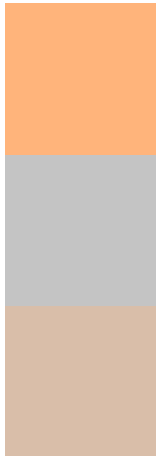
**Original Color**  
FFB47B

**Protanomaly**  
E4BF7F

**Deuteranomaly**  
F4B97A

**Tritanomaly**  
FFB1A3

# Monochromacy



**Original Color**  
FFB47B

**Achromatopsia**  
C4C4C4

**Achromatomaly**  
D9BEA9

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FFB47B 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 #FFB47B looks like.

```
.text, #text, p{  
    color:#FFB47B  
}
```

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 #FFB47B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFB47B
}
```

## Border

The CSS property to change the border of an element to Hex FFB47B 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
#FFB47B }
```

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

```
.border{ border-color:#FFB47B }
```

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

Here you see how a box with a 4 pixel #FFB47B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFB47B; -webkit-box-shadow:4px 4px  
4px 4px #FFB47B; box-shadow:4px 4px 4px  
4px #FFB47B }
```

# Background

The CSS property to change the background color of an element to Hex FFB47B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFB47B }
```

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

```
.background{ background-color:#FFB47B }
```

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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