

# Converting Colors

Hex(FFB2AE)

Have a look what the booklet for  
Hex(FFB2AE) contains.

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# **Color**

**Hex(FFB2AE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFB2AE
RGB	255, 178, 174
RGB Percent	100%, 70%, 68%
CMY	0.0000, 0.3020, 0.3176
CMYK	0.00, 0.30, 0.32, 0.00
HSL	3°, 100%, 84%
HSV	3°, 32%, 100%
XYZ	64.8004, 56.1568, 47.4684
YIQ	200.5670, 47.1760, 15.0800

# Conversions

## Conversions Part 2

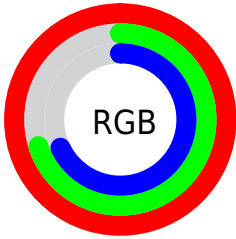
Format	Color
R <sub>Y</sub> B	255, 178, 174
Decimal	16757422
CIE Lab	79.70, 27.55, 13.35
CIE LCh	80, 30.618, 25.859
Yxy	56.1568, 0.3847, 0.3334
Android (android.graphics.Color)	4294947502 (0xFFFFB2AE)
YUV	200.5670, -13.0975, 47.7377
Hunter-Lab	74.9378, 23.2116, 14.9000

# Details

The Hex color **FFB2AE** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **AEFBFF**, and the grayscale version is **C9C9C9**.

A 20% lighter version of the original color is **FFEAE5**, and **C57D7A** is the 20% darker color. If you saturate the color by 10%, you get **FF9A94**, and if you desaturate by 10%, it is **FFCAC8**.

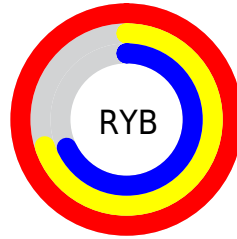
# Distribution



Red (100%)

Green (70%)

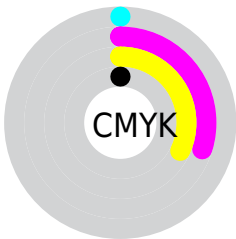
Blue (68%)



Red (100%)

Yellow (70%)

Blue (68%)

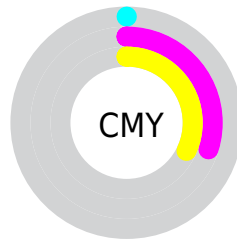


Cyan (0%)

Magenta (30%)

Yellow (32%)

Black (0%)



Cyan (0%)

Magenta (30%)

Yellow (32%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FFB2AE 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 FFB2AE by changing the saturation by 10% instead.



 FFB2AE

 FFB2AE

FFFFFF

 E19793

 FFEAE5

 C57D7A

 A86361

 8C4B49

 713333

 571C1E

 3D0305

 280001

 000000

 #FFB2AE

 #FFB2AE

 #FF9A94

 #FFCAC8

 #FF827B

 #FFE2E1

 #FF6962

 #FFFBFB

 #FF5148

#FFFFFF

 #FF392F

 #FF2115

 #FF0D00

# Harmonies

## Analogous

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



FBB1CB



FFB2AE



F4B997

# Triad

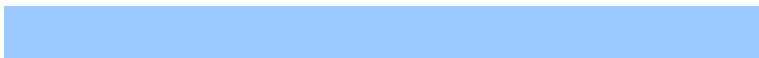
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



FFB2AE



9FD2A5



9CC9FE

# Complementary

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



FFB2AE



AEFBFF

# 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.



79D1F4



FFB2AE



80D5C0

# Square

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



FFB2AE



C0CB92



6FD5DD



C5C0F9

# Rectangle

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



FFB2AE



E6BF8F



6FD5DD



8FCCFC

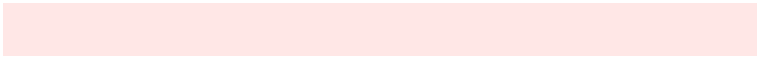


# Sweetspot

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



FFB2AE



FFE7E6



FFAEFC



807170



000000



808080



# Same Dimension

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



FFB2AE



FFA39E



FFD9AE



807373



BF0900



400300



# Inverse Universe

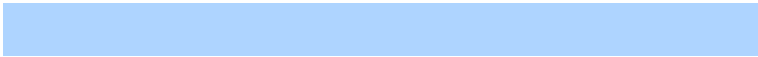
The Inverse Universe completely reimagines the original color for something new.



AEFBFF



9EFAFF



AED4FF



737F80



00B6BF

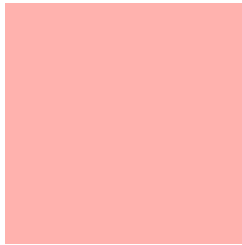


003D40



# Previews

## White Background



This preview shows how the Hex color FFB2AE looks on a white background.

## Color Contrast Check

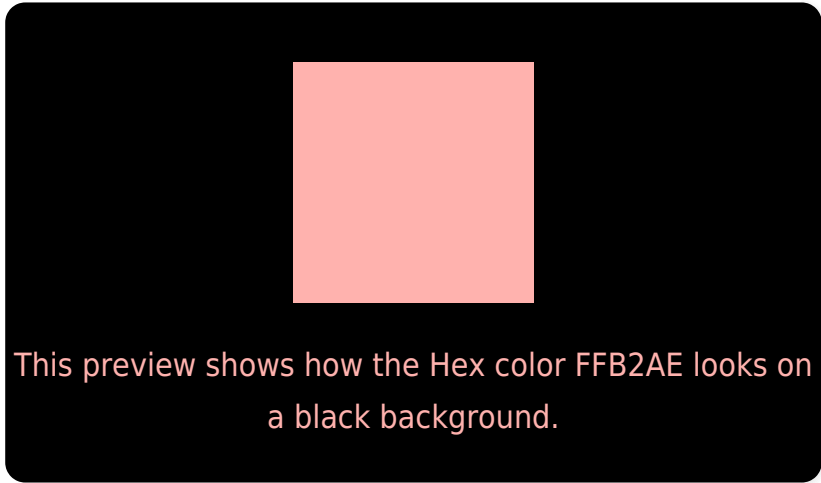
Large Text (above 18pt) WCAG AA × Fail

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 FFB2AE Background



This preview shows how black text looks on a background with the Hex color FFB2AE.

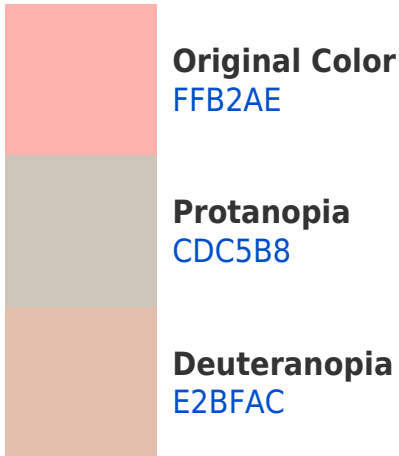


This preview shows how white text looks on a background with the Hex color FFB2AE.

# 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



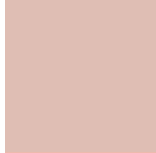


**Tritanopia**  
FFB0BD

# Trichromacy



**Original Color**  
FFB2AE



**Protanomaly**  
DFBEB4



**Deuteranomaly**  
EDBAAD

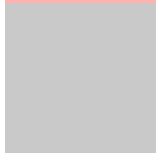


**Tritanomaly**  
FFB1B8

# Monochromacy



**Original Color**  
FFB2AE



**Achromatopsia**  
C9C9C9



**Achromatomaly**  
DDC1BF

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FFB2AE 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 #FFB2AE looks like.

```
.text, #text, p{  
    color:#FFB2AE  
}
```

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 #FFB2AE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFB2AE
}
```

## Border

The CSS property to change the border of an element to Hex FFB2AE 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
#FFB2AE }
```

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

```
.border{ border-color:#FFB2AE }
```

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

Here you see how a box with a 4 pixel #FFB2AE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFB2AE; -webkit-box-shadow:4px 4px  
4px 4px #FFB2AE; box-shadow:4px 4px 4px  
4px #FFB2AE }
```

# Background

The CSS property to change the background color of an element to Hex FFB2AE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFB2AE }
```

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

```
.background{ background-color:#FFB2AE }
```

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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