

# Converting Colors

Hex(FFBD9D)

Have a look what the booklet for  
Hex(FFBD9D) contains.

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# **Color**

**Hex(FFBD9D)**

# Conversions

## Conversions Part 1

| Format      | Color                     |
|-------------|---------------------------|
| Hex         | FFBD9D                    |
| RGB         | 255, 189, 157             |
| RGB Percent | 100%, 74%, 62%            |
| CMY         | 0.0000, 0.2588, 0.3843    |
| CMYK        | 0.00, 0.26, 0.38, 0.00    |
| HSL         | 20°, 100%, 81%            |
| HSV         | 20°, 38%, 100%            |
| XYZ         | 65.5234, 60.0895, 40.0433 |
| YIQ         | 205.0860, 49.6080, 4.0400 |

# Conversions

## Conversions Part 2

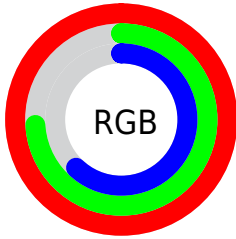
| Format                              | Color                          |
|-------------------------------------|--------------------------------|
| R <sub>Y</sub> B                    | 255, 205, 157                  |
| Decimal                             | 16760221                       |
| CIE Lab                             | 81.89, 19.77, 25.48            |
| CIE LCh                             | 82, 32.249, 52.192             |
| Yxy                                 | 60.0895, 0.3955,<br>0.3627     |
| Android<br>(android.graphics.Color) | 4294950301<br>(0xFFFFBD9D)     |
| YUV                                 | 205.0860, -23.7064,<br>43.7746 |
| Hunter-Lab                          | 77.5174, 15.2258,<br>23.6347   |

# Details

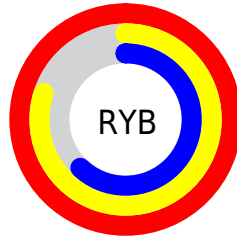
The Hex color **FFBD9D** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **9DDFFF**, and the grayscale version is **CDCDCD**.

A 20% lighter version of the original color is **FFF5D4**, and **C48769** is the 20% darker color. If you saturate the color by 10%, you get **FFAC84**, and if you desaturate by 10%, it is **FFCEB7**.

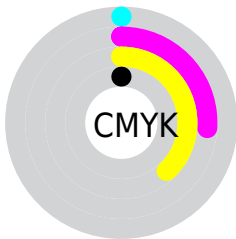
# Distribution



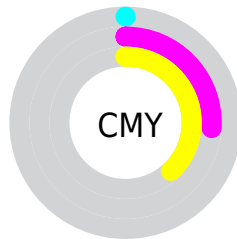
- Red (100%)
- Green (74%)
- Blue (62%)



- Red (100%)
- Yellow (80%)
- Blue (62%)



- Cyan (0%)
- Magenta (26%)
- Yellow (38%)
- Black (0%)



- Cyan (0%)
- Magenta (26%)
- Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FFBD9D 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 FFBD9D by changing the saturation by 10% instead.



 FFBD9D

 FFBD9D

FFFFFF

 E1A283


 FFF5D4

 C48769

 FFFFF0

 A86E51

 8C553A

 713E24

 56270E

 3D1200

 250000

 000000

 FFBD9D

 FFBD9D

 FFAC84

 FFCEB7

 FF9B6A

 FFD0D0

 FF8951

 FFF1EA

 FF7837

FFFFFF

 FF671D

 FF5604

 FF5300

# Harmonies

## Analogous

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



FFB6B6



FFBD9D



E9C790

# Triad

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



FFBD9D



85DCC2



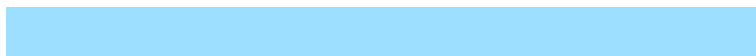
C5C7FF

# Complementary

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



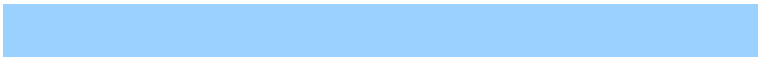
FFBD9D



9DDFFF

# 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.



9AD1FF



FFBD9D



6FDCE1

# Square

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



FFBD9D



A7D8A6



76D8FA



EBBCF1

# Rectangle

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



FFBD9D



D5CE90



76D8FA



B7CAFF

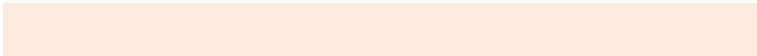


# Sweetspot

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



FFBD9D



FFEAE0



FF9DE0



80736E



000000



808080



# Same Dimension

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



FFBD9D



FFB08A



FFED9D



807773



BF3E00

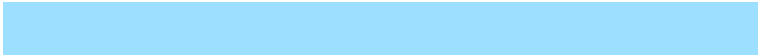


401500

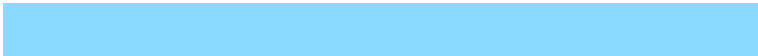


# Inverse Universe

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



9DDFFF



8AD9FF



9DAFFF



737B80



0081BF



002B40



# Previews

## White Background



This preview shows how the Hex color FFBD9D looks on a white background.

## Color Contrast Check

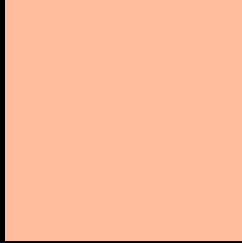
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color FFBD9D looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

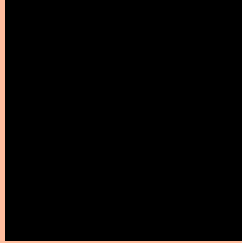
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex FFBD9D Background



This preview shows how black text looks on a background with the Hex color FFBD9D.

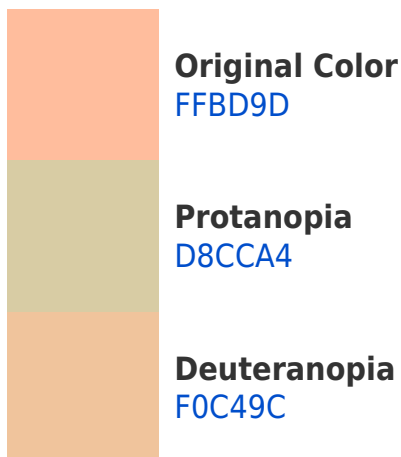


This preview shows how white text looks on a background with the Hex color FFBD9D.

# 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](#).

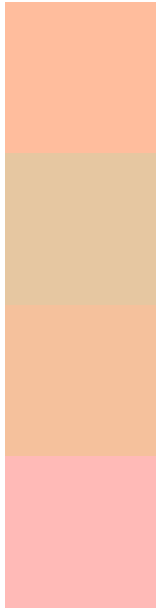
## Dichromacy





**Tritanopia**  
FFB9C6

# Trichromacy



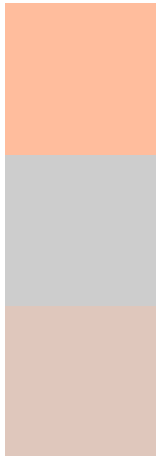
**Original Color**  
FFBD9D

**Protanomaly**  
E6C7A1

**Deuteranomaly**  
F5C19C

**Tritanomaly**  
FFBAB7

# Monochromacy



**Original Color**  
FFBD9D

**Achromatopsia**  
CDCDCD

**Achromatomaly**  
DFC7BC

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FFBD9D 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 #FFBD9D looks like.

```
.text, #text, p{  
    color:#FFBD9D  
}
```

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 #FFBD9D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFBD9D
}
```

## Border

The CSS property to change the border of an element to Hex FFBD9D 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
#FFBD9D }
```

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

```
.border{ border-color:#FFBD9D }
```

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

Here you see how a box with a 4 pixel #FFBD9D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFBD9D; -webkit-box-shadow:4px 4px  
4px 4px #FFBD9D; box-shadow:4px 4px 4px  
4px #FFBD9D }
```

# Background

The CSS property to change the background color of an element to Hex FFBD9D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFBD9D }
```

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

```
.background{ background-color:#FFBD9D }
```

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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