

# Converting Colors

Hex(FFB28D)

Have a look what the booklet for  
Hex(FFB28D) contains.

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# **Color**

**Hex(FFB28D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFB28D
RGB	255, 178, 141
RGB Percent	100%, 70%, 55%
CMY	0.0000, 0.3020, 0.4471
CMYK	0.00, 0.30, 0.45, 0.00
HSL	19°, 100%, 78%
HSV	19°, 45%, 100%
XYZ	61.9681, 55.0239, 32.5539
YIQ	196.8050, 57.7690, 4.8170

# Conversions

## Conversions Part 2

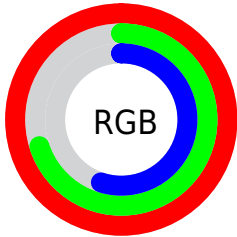
Format	Color
R <sub>Y</sub> B	255, 196, 141
Decimal	16757389
CIE Lab	79.06, 23.84, 30.15
CIE LCh	79, 38.438, 51.672
Yxy	55.0239, 0.4144, 0.3679
Android (android.graphics.Color)	4294947469 (0xFFFFB28D)
YUV	196.8050, -27.5119, 51.0370
Hunter-Lab	74.1781, 19.3066, 25.9046

# Details

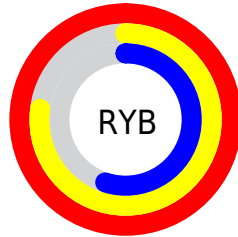
The Hex color **FFB28D** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **8DDAFF**, and the grayscale version is **C5C5C5**.

A 20% lighter version of the original color is **FFEAC3**, and **C47D5A** is the 20% darker color. If you saturate the color by 10%, you get **FFA174**, and if you desaturate by 10%, it is **FFC3A7**.

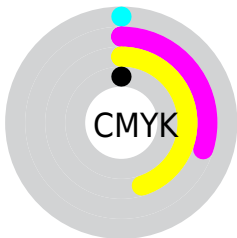
# Distribution



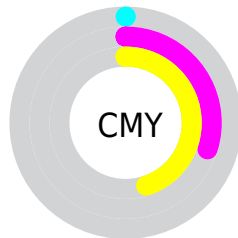
- Red (100%)
- Green (70%)
- Blue (55%)



- Red (100%)
- Yellow (77%)
- Blue (55%)



- Cyan (0%)
- Magenta (30%)
- Yellow (45%)
- Black (0%)



- Cyan (0%)
- Magenta (30%)
- Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FFB28D 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 FFB28D by changing the saturation by 10% instead.



 FFB28D

 FFB28D

FFFFFF

 E19773

 FFEAC3

 C47D5A

 FFFFDF

 A76442

 FFFFFC

 8A4B2C

 6F3416

 541D00

 390700

 220001

 000000

 #FFB28D

 #FFB28D

 #FFA174

 #FFC3A7

 #FF905A

 #FFD4C0

 #FF7E41

 #FFE6DA

 #FF6D27

 #FFF7F3

 #FF5C0E

#FFFFFF

 #FF5300

# Harmonies

## Analogous

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



FFAAAB



FFB28D



E5BE7D

# Triad

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



FFB28D



6CD7B8



BABEFF

# Complementary

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



FFB28D



8DDAFF

# 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.



82CAFF



FFB28D



45D7DD

# Square

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



FFB28D



98D296



4DD3FB



E7B2F1

# Rectangle

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



FFB28D



CEC67D



4DD3FB



A8C2FF

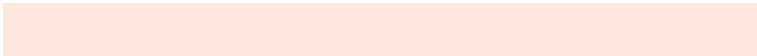


# Sweetspot

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



FFB28D



FFE9DE



FF8DDB



80726B



000000



808080



# Same Dimension

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



FFB28D



FFA275



FFEA8D



807773



BF3E00

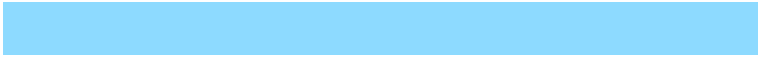


401500

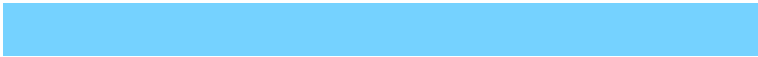


# Inverse Universe

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



8DDAFF



75D2FF



8DA2FF



737B80



0081BF



002B40



# Previews

## White Background



This preview shows how the Hex color FFB28D looks on a white background.

## Color Contrast Check

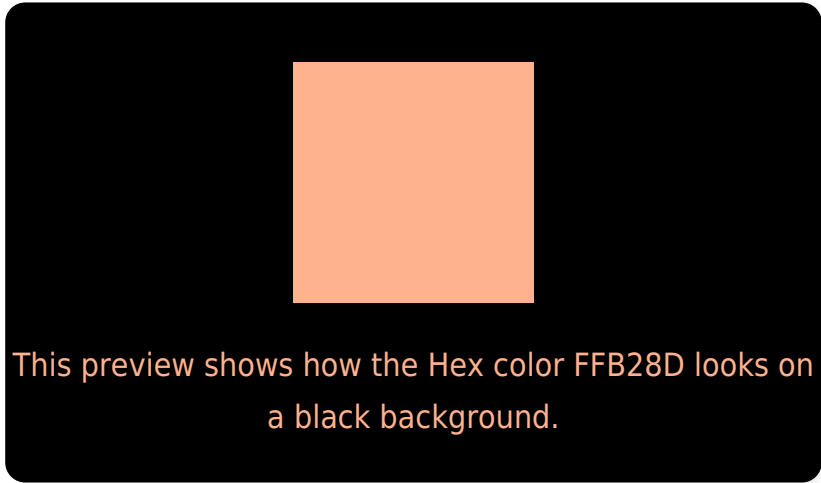
Large Text (above 18pt) WCAG AA × Fail

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

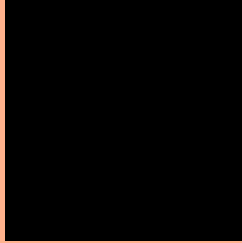
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex FFB28D Background



This preview shows how black text looks on a background with the Hex color FFB28D.

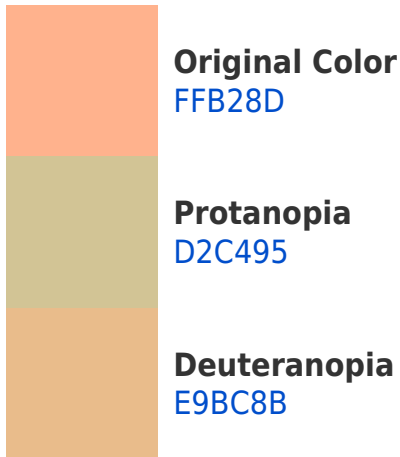


This preview shows how white text looks on a background with the Hex color FFB28D.

# 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



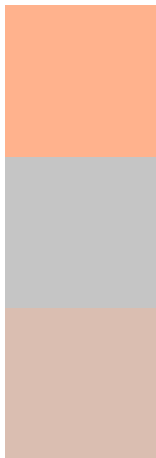
**Original Color**  
FFB28D

**Protanomaly**  
E2BD92

**Deuteranomaly**  
F1B88C

**Tritanomaly**  
FFAFAA

# Monochromacy



**Original Color**  
FFB28D

**Achromatopsia**  
C5C5C5

**Achromatomaly**  
DABEB1

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FFB28D 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 #FFB28D looks like.

```
.text, #text, p{  
    color:#FFB28D  
}
```

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 #FFB28D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFB28D
}
```

## Border

The CSS property to change the border of an element to Hex FFB28D 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
#FFB28D }
```

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

```
.border{ border-color:#FFB28D }
```

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

Here you see how a box with a 4 pixel #FFB28D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFB28D; -webkit-box-shadow:4px 4px  
4px 4px #FFB28D; box-shadow:4px 4px 4px  
4px #FFB28D }
```

# Background

The CSS property to change the background color of an element to Hex FFB28D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFB28D }
```

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

```
.background{ background-color:#FFB28D }
```

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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