

Converting Colors

Hex(FFBC80)

Have a look what the booklet for
Hex(FFBC80) contains.

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Color

Hex(FFBC80)

Conversions

Conversions Part 1

Format	Color
Hex	FFBC80
RGB	255, 188, 128
RGB Percent	100%, 74%, 50%
CMY	0.0000, 0.2627, 0.4980
CMYK	0.00, 0.26, 0.50, 0.00
HSL	28°, 100%, 75%
HSV	28°, 50%, 100%
XYZ	63.1195, 58.7850, 28.4419
YIQ	201.1930, 59.1920, -4.4560

Conversions

Conversions Part 2

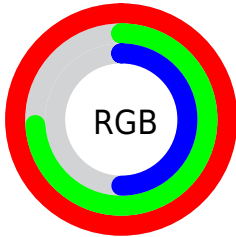
Format	Color
RYB	255, 242, 128
Decimal	16759936
CIELab	81.17, 17.38, 39.69
CIELCh	81, 43.328, 66.357
Yxy	58.7850, 0.4198, 0.3910
Android (android.graphics.Color)	4294950016 (0xFFFFBC80)
YUV	201.1930, -36.0841, 47.1887
Hunter-Lab	76.6713, 12.7748, 31.6758

Details

The Hex color **FFBC80** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **80C3FF**, and the grayscale version is **CACACA**.

A 20% lighter version of the original color is **FFF4B6**, and **C3874D** is the 20% darker color. If you saturate the color by 10%, you get **FFAF67**, and if you desaturate by 10%, it is **FFC99A**.

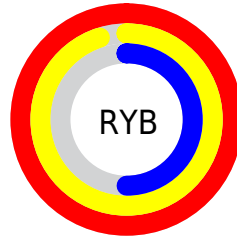
Distribution



Red (100%)

Green (74%)

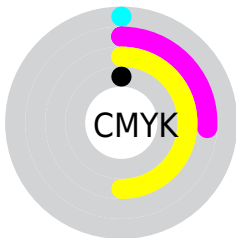
Blue (50%)



Red (100%)

Yellow (95%)

Blue (50%)

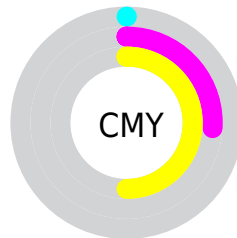


Cyan (0%)

Magenta (26%)

Yellow (50%)

Black (0%)



Cyan (0%)

Magenta (26%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color FFBC80 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 FFBC80 by changing the saturation by 10% instead.

 FFBC80

 FFBC80

FFFFFF

 E1A166

 FFF4B6

 C3874D

 FFFFD1

 A76D35

 FFFFEE

 8A551E

 6E3D04

 532700

 381200

 220000

 000000

 FFBC80

 FFBC80

 FFAF67

 FFC99A

 FFA14D

 FFD7B3

 FF9433

 FFE4CD

 FF861A

 FFF2E6

 FF7900

FFFFFF

 FF7800

Harmonies

Analogous

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



FFAF9C



FFBC80



DCCA78

Triad

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



FFBC80



43DFD1



DABCFF

Complementary

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



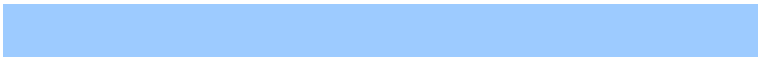
FFBC80



80C3FF

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.



9DCBFF



FFBC80



05DDF8

Square

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



FFBC80



7EDDA8



53D7FF



FFAFEB

Rectangle

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



FFBC80



C0D27F



53D7FF



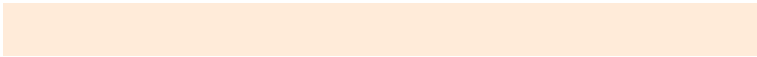
C7C1FF

Sweetspot

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



FFBC80



FFEBD9



FF80C4



807369



000000



808080

Same Dimension

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



FFBC80



FFAE66



FFFB80



807973



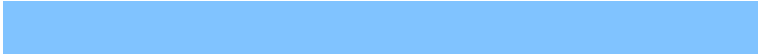
BF5A00



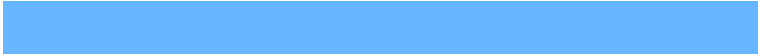
401E00

Inverse Universe

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



80C3FF



66B7FF



8084FF



737980



0065BF



002240

Previews

White Background



This preview shows how the Hex color FFBC80 looks on a white background.

Color Contrast Check

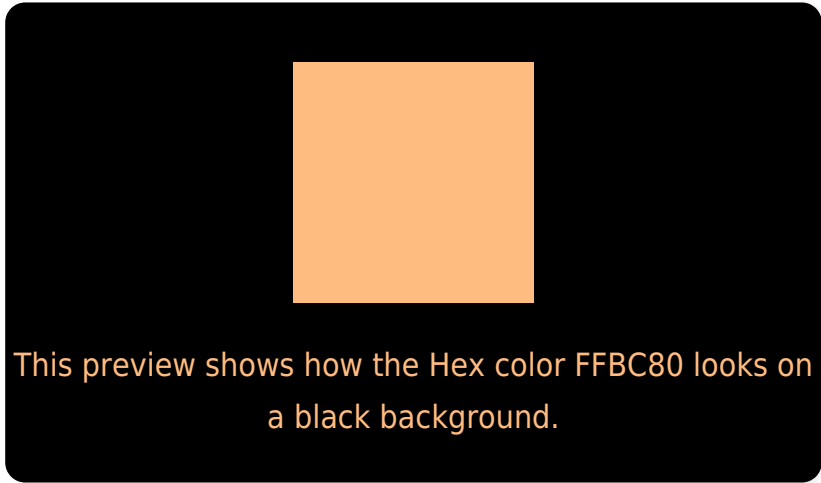
Large Text (above 18pt) WCAG AA × Fail

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

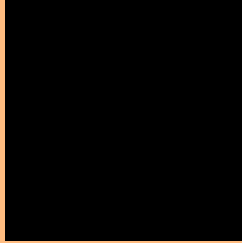
Any Text WCAG AA ✓ Pass

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 FFBC80 Background



This preview shows how black text looks on a background with the Hex color FFBC80.

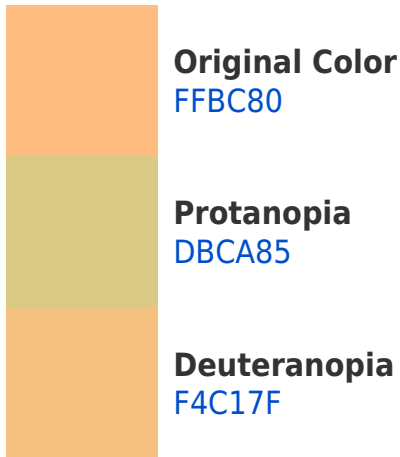


This preview shows how white text looks on a background with the Hex color FFBC80.

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](#).

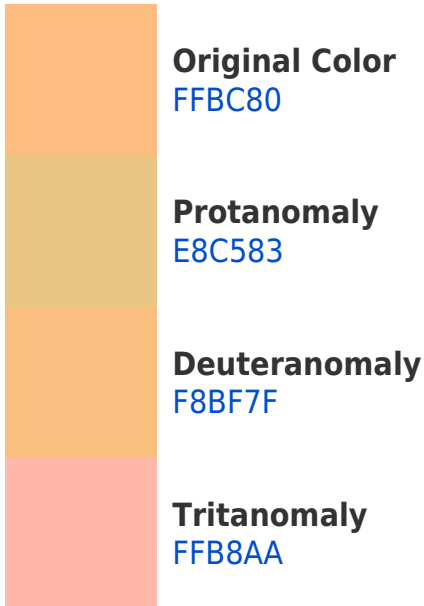
Dichromacy



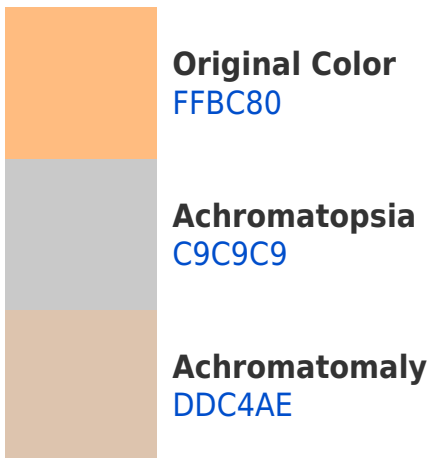


Tritanopia
FFB6C2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex FFBC80 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 #FFBC80 looks like.

```
.text, #text, p{  
    color:#FFBC80  
}
```

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 #FFBC80 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFBC80
}
```

Border

The CSS property to change the border of an element to Hex FFBC80 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
#FFBC80 }
```

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

```
.border{ border-color:#FFBC80 }
```

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

Here you see how a box with a 4 pixel #FFBC80 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFBC80; -webkit-box-shadow:4px 4px  
4px 4px #FFBC80; box-shadow:4px 4px 4px  
4px #FFBC80 }
```

Background

The CSS property to change the background color of an element to Hex FFBC80 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFBC80 }
```

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

```
.background{ background-color:#FFBC80 }
```

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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