

Converting Colors

Hex(FFBD80)

Have a look what the booklet for
Hex(FFBD80) contains.

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Color

Hex(FFBD80)

Conversions

Conversions Part 1

Format	Color
Hex	FFBD80
RGB	255, 189, 128
RGB Percent	100%, 74%, 50%
CMY	0.0000, 0.2588, 0.4980
CMYK	0.00, 0.26, 0.50, 0.00
HSL	29°, 100%, 75%
HSV	29°, 50%, 100%
XYZ	63.3339, 59.2137, 28.5134
YIQ	201.7800, 58.9170, -4.9790

Conversions

Conversions Part 2

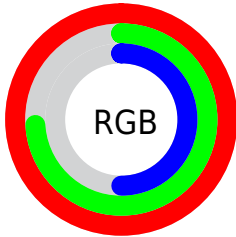
Format	Color
R _Y B	255, 245, 128
Decimal	16760192
CIE Lab	81.41, 16.85, 39.99
CIE LCh	81, 43.397, 67.148
Yxy	59.2137, 0.4193, 0.3920
Android (android.graphics.Color)	4294950272 (0xFFFFBD80)
YUV	201.7800, -36.3735, 46.6739
Hunter-Lab	76.9504, 12.2507, 31.8958

Details

The Hex color **FFBD80** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **80C2FF**, and the grayscale version is **CACACA**.

A 20% lighter version of the original color is **FFF5B6**, and **C4884D** is the 20% darker color. If you saturate the color by 10%, you get **FFB067**, and if you desaturate by 10%, it is **FFCA9A**.

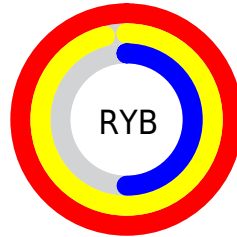
Distribution



Red (100%)

Green (74%)

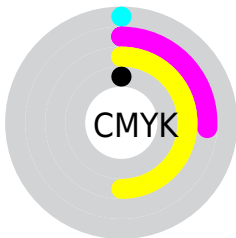
Blue (50%)



Red (100%)

Yellow (96%)

Blue (50%)

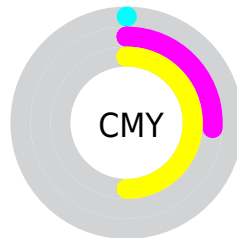


Cyan (0%)

Magenta (26%)

Yellow (50%)

Black (0%)



Cyan (0%)

Magenta (26%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color FFBD80 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 FFBD80 by changing the saturation by 10% instead.

 FFBD80

 FFBD80

FFFFFF

 E1A266

 FFF5B6

 C4884D

 FFFFD2

 A76E35

 FFFFEE

 8A561D

 6E3E04

 542800

 391300

 220000

 000000

 FFBD80

 FFBD80

 FFB067

 FFCA9A

 FFA24D

 FFD8B3

 FF9533

 FFE5CD

 FF881A

 FFF2E6

 FF7B00

FFFFFF

 FF7A00

Harmonies

Analogous

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



FFB09B



FFBD80



DBC79

Triad

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



FFBD80



42E0D3



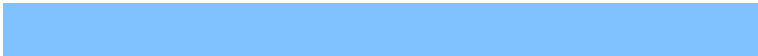
DCBCFF

Complementary

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



FFBD80



80C2FF

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.



9FCBFF



FFBD80



08DEFA

Square

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



FFBD80



7DDDA9



56D7FF



FFAFEB

Rectangle

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



FFBD80



BFD380



56D7FF



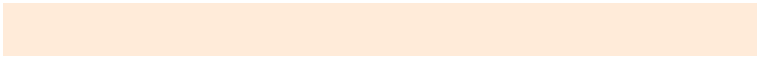
C9C1FF

Sweetspot

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



FFBD80



FFEBD9



FF80C4



807469



000000



808080

Same Dimension

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



FFBD80



FFAF66



FFFB80



807973



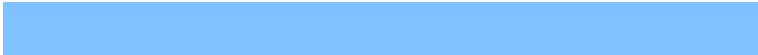
BF5C00



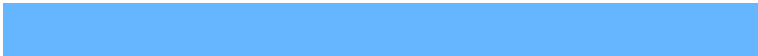
401F00

Inverse Universe

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



80C2FF



66B6FF



8084FF



737980



0063BF



002140

Previews

White Background



This preview shows how the Hex color FFBD80 looks on a white background.

Color Contrast Check

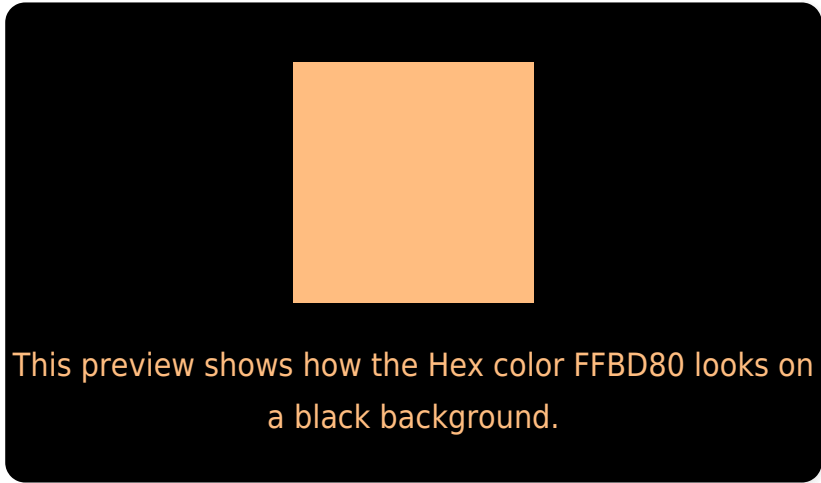
Large Text (above 18pt) WCAG AA × Fail

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

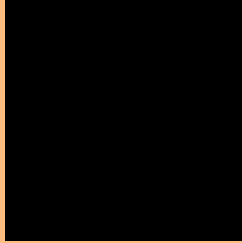
Any Text WCAG AA ✓ Pass

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 FFBD80 Background



This preview shows how black text looks on a background with the Hex color FFBD80.

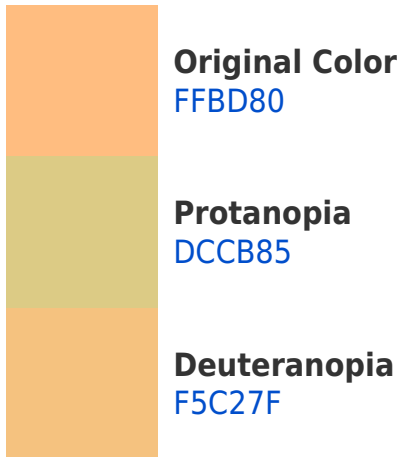


This preview shows how white text looks on a background with the Hex color FFBD80.

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](#).

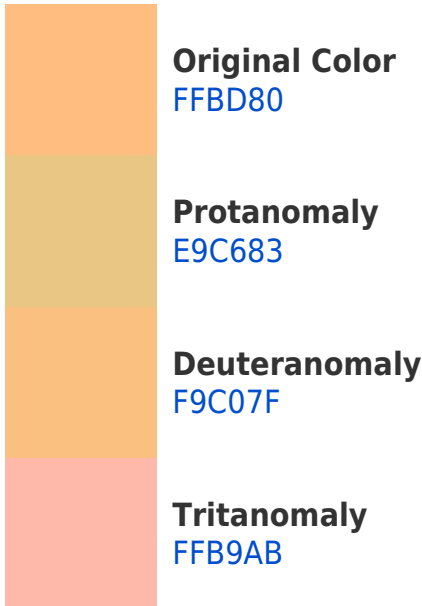
Dichromacy



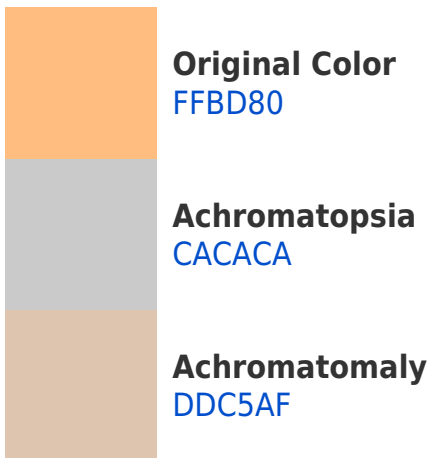


Tritanopia
FFB7C3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex FFBD80 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 #FFBD80 looks like.

```
.text, #text, p{  
    color:#FFBD80  
}
```

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 #FFBD80 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFBD80
}
```

Border

The CSS property to change the border of an element to Hex FFBD80 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
#FFBD80 }
```

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

```
.border{ border-color:#FFBD80 }
```

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

Here you see how a box with a 4 pixel #FFBD80 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFBD80; -webkit-box-shadow:4px 4px  
4px 4px #FFBD80; box-shadow:4px 4px 4px  
4px #FFBD80 }
```

Background

The CSS property to change the background color of an element to Hex FFBD80 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFBD80 }
```

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

```
.background{ background-color:#FFBD80 }
```

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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