

# Converting Colors

Hex(FFB843)

Have a look what the booklet for  
Hex(FFB843) contains.

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# **Color**

**Hex(FFB843)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFB843
RGB	255, 184, 67
RGB Percent	100%, 72%, 26%
CMY	0.0000, 0.2784, 0.7373
CMYK	0.00, 0.28, 0.74, 0.00
HSL	37°, 100%, 63%
HSV	37°, 74%, 100%
XYZ	59.3936, 55.9462, 12.9785
YIQ	191.8910, 79.8730, -21.3350

# Conversions

## Conversions Part 2

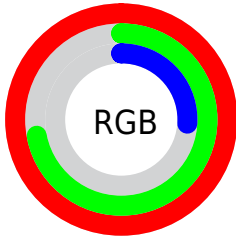
Format	Color
<a href="#">RYB</a>	<a href="#">181, 255, 67</a>
<a href="#">Decimal</a>	<a href="#">16758851</a>
<a href="#">CIELab</a>	<a href="#">79.58, 15.47, 66.37</a>
<a href="#">CIELCh</a>	<a href="#">80, 68.150, 76.878</a>
<a href="#">Yxy</a>	<a href="#">55.9462, 0.4629, 0.4360</a>
<a href="#">Android (android.graphics.Color)</a>	<a href="#">4294948931 (0xFFFFB843)</a>
<a href="#">YUV</a>	<a href="#">191.8910, -61.5713, 55.3466</a>
<a href="#">Hunter-Lab</a>	<a href="#">74.7972, 10.8449, 42.0703</a>

# Details

The Hex color **FFB843** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light washed orange. A complement of this color would be **438AFF**, and the grayscale version is **C0C0C0**.

A 20% lighter version of the original color is **FFF07A**, and **C18300** is the 20% darker color. If you saturate the color by 10%, you get **FFAE29**, and if you desaturate by 10%, it is **FFC25C**.

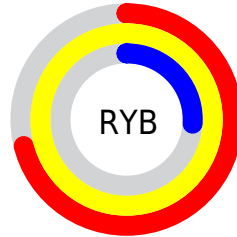
# Distribution



Red (100%)

Green (72%)

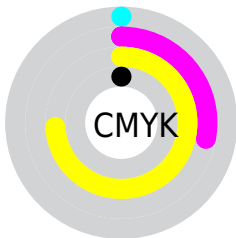
Blue (26%)



Red (71%)

Yellow (100%)

Blue (26%)

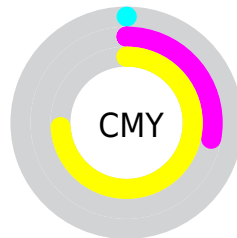


Cyan (0%)

Magenta (28%)

Yellow (74%)

Black (0%)



Cyan (0%)

Magenta (28%)

Yellow (74%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FFB843 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 FFB843 by changing the saturation by 10% instead.



 FFB843

 FFB843

FFFFFF

 E09D26

 FFF07A

 C18300

 FFFF95

 A36A00

 FFFFB1

 865200

 FFFFCE

 693B00

 FFFFEB

 4D2500

 331100

 1B0001

 000000

 FFB843

 FFB843

 FFAE29

 FFC25C

 FFA510

 FFCB76

 FF9F00

 FFD590

 FF DFA9

 FFE8C3

 FFF2DC

 FFFBF5

FFFFFF

# Harmonies

## Analogous

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



FF9F6B



FFB843



C5CD41

# Triad

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



FFB843



00E4E8



F6A5FF

# Complementary

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



FFB843



438AFF

# 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.



94C0FF



FFB843



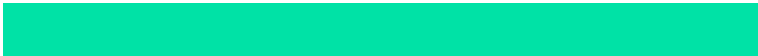
00E0FF

# Square

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



FFB843



00E2A6



00D4FF



FF8FE4

# Rectangle

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



FFB843



97D759



00D4FF



DCAEFF

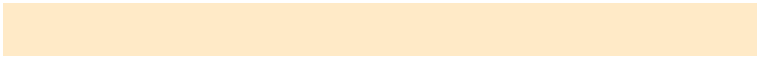


# Sweetspot

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



FFB843



FFEAC7



FF438B



80735E



000000



808080



# Same Dimension

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



FFB843



FFAA1F



E9FF43



807B73



BF7700



402800



# Inverse Universe

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



438AFF



1F73FF



5943FF



737880



0048BF



001840



# Previews

## White Background



This preview shows how the Hex color FFB843 looks on a white background.

## Color Contrast Check

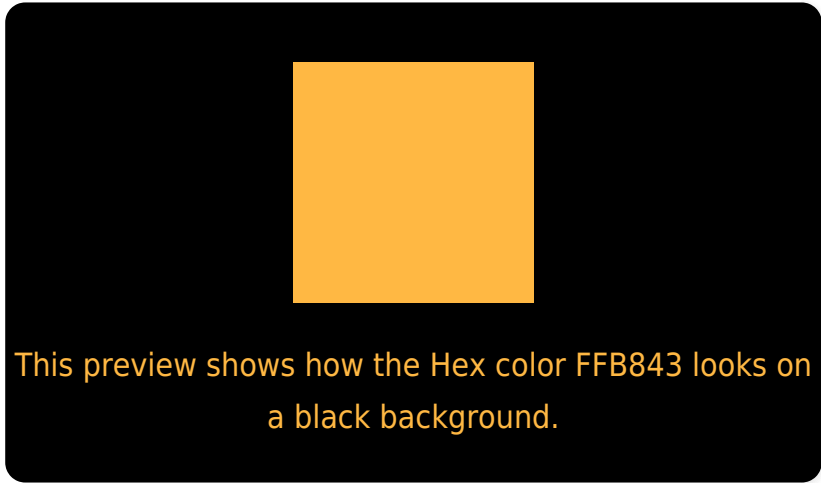
Large Text (above 18pt) WCAG AA × Fail

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 FFB843 Background



This preview shows how black text looks on a background with the Hex color FFB843.



This preview shows how white text looks on a background with the Hex color FFB843.

# 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



**Original Color**  
FFB843

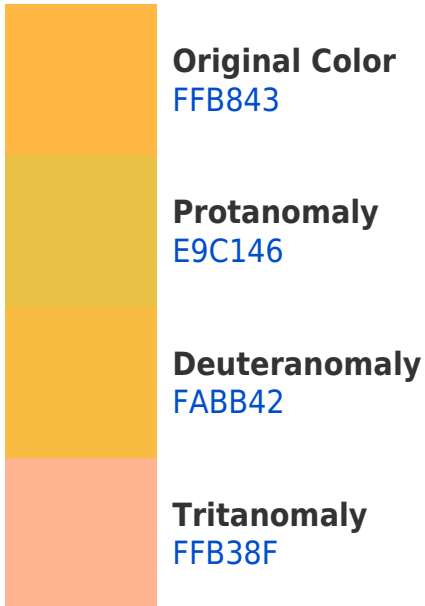
**Protanopia**  
DDC647

**Deuteranopia**  
F7BC42



**Tritanopia**  
FFB0BB

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex FFB843 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 #FFB843 looks like.

```
.text, #text, p{  
    color:#FFB843  
}
```

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 #FFB843 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFB843
}
```

## Border

The CSS property to change the border of an element to Hex FFB843 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
#FFB843 }
```

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

```
.border{ border-color:#FFB843 }
```

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

Here you see how a box with a 4 pixel #FFB843 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFB843; -webkit-box-shadow:4px 4px  
4px 4px #FFB843; box-shadow:4px 4px 4px  
4px #FFB843 }
```

# Background

The CSS property to change the background color of an element to Hex FFB843 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFB843 }
```

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

```
.background{ background-color:#FFB843 }
```

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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