

# Converting Colors

Hex(FFBC43)

Have a look what the booklet for  
Hex(FFBC43) contains.

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# **Color**

**Hex(FDBC43)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFBC43
RGB	255, 188, 67
RGB Percent	100%, 74%, 26%
CMY	0.0000, 0.2627, 0.7373
CMYK	0.00, 0.26, 0.74, 0.00
HSL	39°, 100%, 63%
HSV	39°, 74%, 100%
XYZ	60.2363, 57.6317, 13.2594
YIQ	194.2390, 78.7730, -23.4270

# Conversions

## Conversions Part 2

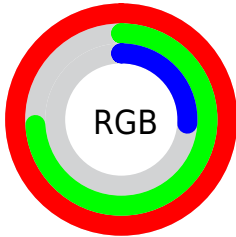
Format	Color
<a href="#">RYB</a>	<a href="#">171, 255, 67</a>
Decimal	<a href="#">16759875</a>
<a href="#">CIELab</a>	<a href="#">80.53, 13.39, 67.30</a>
<a href="#">CIElCh</a>	<a href="#">81, 68.623, 78.750</a>
<a href="#">Yxy</a>	<a href="#">57.6317, 0.4594, 0.4395</a>
<a href="#">Android (android.graphics.Color)</a>	<a href="#">4294949955 (0xFFFFBC43)</a>
<a href="#">YUV</a>	<a href="#">194.2390, -62.7288, 53.2874</a>
<a href="#">Hunter-Lab</a>	<a href="#">75.9155, 8.7814, 42.7853</a>

# Details

The Hex color **FFBC43** 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 **4386FF**, and the grayscale version is **C3C3C3**.

A 20% lighter version of the original color is **FFF47A**, and **C28700** is the 20% darker color. If you saturate the color by 10%, you get **FFB329**, and if you desaturate by 10%, it is **FFC55C**.

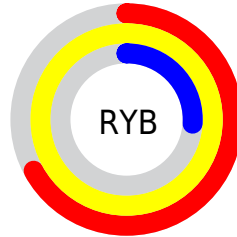
# Distribution



Red (100%)

Green (74%)

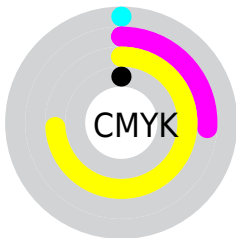
Blue (26%)



Red (67%)

Yellow (100%)

Blue (26%)

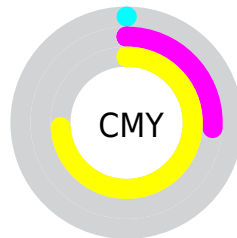


Cyan (0%)

Magenta (26%)

Yellow (74%)

Black (0%)



Cyan (0%)

Magenta (26%)

Yellow (74%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FFBC43 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 FFBC43 by changing the saturation by 10% instead.



 FFBC43

 FFBC43

FFFFFF

 E0A125

 FFF47A

 C28700

 FFFF96

 A46E00

 FFFFB2

 865600

 FFFFCE

 693E00

 FFFFEB

 4D2900

 331400

 1C0000

 000000

 FFBC43

 FFBC43

 FFB329

 FFC55C

 FFAA10

 FFCE76

 FFA400

 FFD790

 FFE0A9

 FFE9C3

 FFF3DC

 FFFCF5

FFFFFF

# Harmonies

## Analogous

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



FFA369



FFBC43



C4D144

# Triad

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



FFBC43



00E7EF



FEA6FF

# Complementary

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



FFBC43



4386FF

# 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.



9FC1FF



FFBC43



00E2FF

# Square

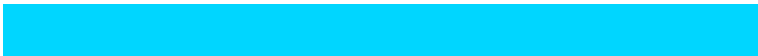
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



FFBC43



00E6AD



00D6FF



FF91E3

# Rectangle

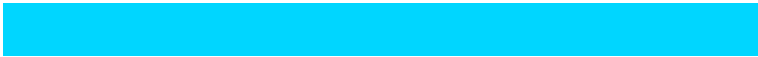
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



FFBC43



94DB5E



00D6FF



E4AFFF



# Sweetspot

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



FFBC43



FFEBC7



FF4388



80745E



000000



808080



# Same Dimension

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



FFBC43



FFAF1F



E6FF43



807B73



BF7B00



402900



# Inverse Universe

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



4386FF



1F6FFF



5C43FF



737780



0044BF



001740



# Previews

## White Background



This preview shows how the Hex color FFBC43 looks on a white background.

## Color Contrast Check

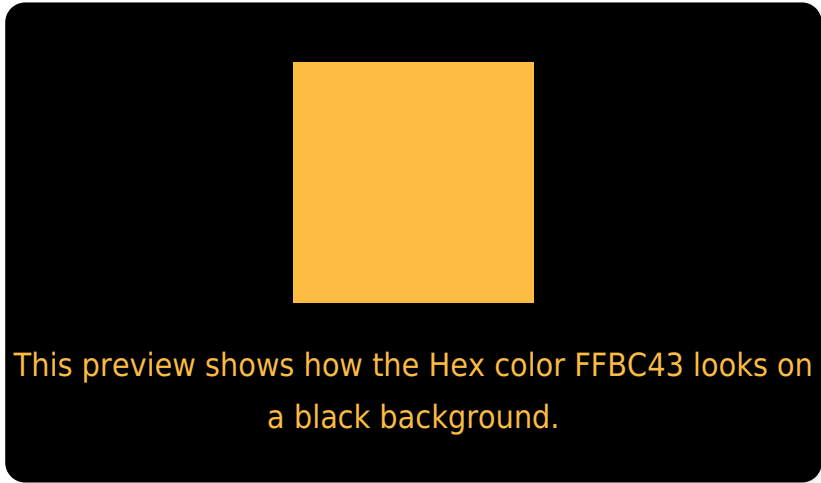
Large Text (above 18pt) WCAG AA × Fail

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 FFBC43 Background



This preview shows how black text looks on a background with the Hex color FFBC43.



This preview shows how white text looks on a background with the Hex color FFBC43.

# 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**  
FFBC43

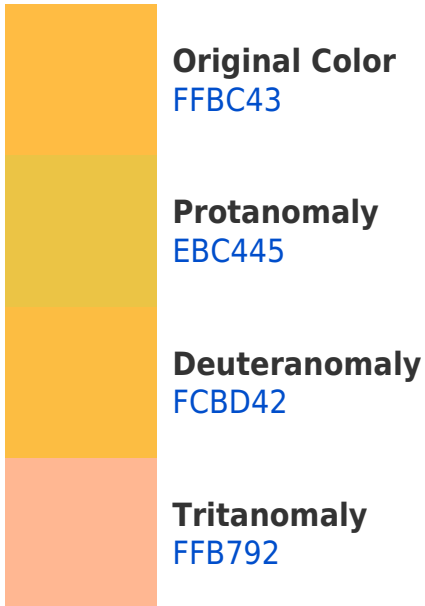
**Protanopia**  
E0C946

**Deuteranopia**  
FABE42



**Tritanopia**  
FFB4BF

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex FFBC43 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 #FFBC43 looks like.

```
.text, #text, p{  
    color:#FFBC43  
}
```

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 #FFBC43 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFBC43
}
```

## Border

The CSS property to change the border of an element to Hex FFBC43 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
#FFBC43 }
```

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

```
.border{ border-color:#FFBC43 }
```

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

Here you see how a box with a 4 pixel #FFBC43 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFBC43; -webkit-box-shadow:4px 4px  
4px 4px #FFBC43; box-shadow:4px 4px 4px  
4px #FFBC43 }
```

# Background

The CSS property to change the background color of an element to Hex FFBC43 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFBC43 }
```

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

```
.background{ background-color:#FFBC43 }
```

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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