

# Converting Colors

Hex(FFBA5C)

Have a look what the booklet for  
Hex(FFBA5C) contains.

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# **Color**

**Hex(FFBA5C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFBA5C
RGB	255, 186, 92
RGB Percent	100%, 73%, 36%
CMY	0.0000, 0.2706, 0.6392
CMYK	0.00, 0.27, 0.64, 0.00
HSL	35°, 100%, 68%
HSV	35°, 64%, 100%
XYZ	60.7307, 57.1505, 17.9555
YIQ	195.9150, 71.2980, -14.6060

# Conversions

## Conversions Part 2

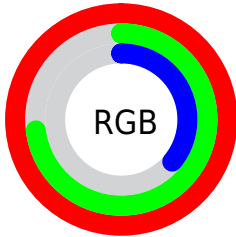
Format	Color
<a href="#">RYB</a>	212, 255, 92
Decimal	16759388
CIELab	80.26, 15.72, 56.30
CIELCh	80, 58.451, 74.398
Yxy	57.1505, 0.4471, 0.4207
Android (android.graphics.Color)	4294949468 (0xFFFFBA5C)
YUV	195.9150, -51.2301, 51.8175
Hunter-Lab	75.5980, 11.0993, 38.8364

# Details

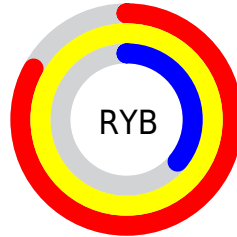
The Hex color **FFBA5C** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light muted orange. A complement of this color would be **5CA1FF**, and the grayscale version is **C4C4C4**.

A 20% lighter version of the original color is **FFF291**, and **C28527** is the 20% darker color. If you saturate the color by 10%, you get **FFAF43**, and if you desaturate by 10%, it is **FFC576**.

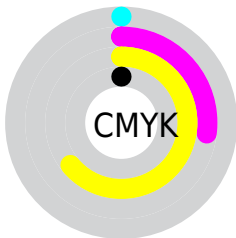
# Distribution



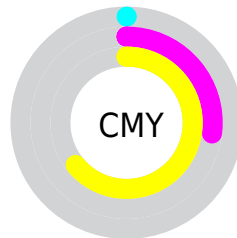
- Red (100%)
- Green (73%)
- Blue (36%)



- Red (83%)
- Yellow (100%)
- Blue (36%)



- Cyan (0%)
- Magenta (27%)
- Yellow (64%)
- Black (0%)



- Cyan (0%)
- Magenta (27%)
- Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FFBA5C 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 FFBA5C by changing the saturation by 10% instead.



 FFBA5C

 FFBA5C

FFFFFF

 E09F42

 FFF291

 C28527

 FFFFAD

 A56C05

 FFFFC9

 885300

 FFFF E5

 6B3C00

 4F2600

 341200

 1E0001

 000000

 FFBA5C

 FFBA5C

 FFAF43

 FFC576

 FFA429

 FFD08F

 FF9A10

 FFDAA9

 FF9300

 FFE5C2

 FFF0DC

 FFFBF5

FFFFFF

# Harmonies

## Analogous

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



FFA67D



FFBA5C



CECC59

# Triad

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



FFBA5C



00E3E0



EDA EFF

# Complementary

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



FFBA5C



5CA1FF

# 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.



9AC4FF



FFBA5C



00DFFF

# Square

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



FFBA5C



2FE1A8



00D5FF



FF9DE6

# Rectangle

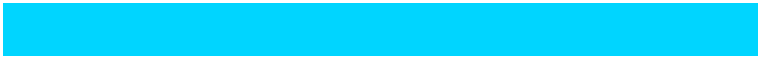
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



FFBA5C



A6D669



00D5FF



D6B6FF



# Sweetspot

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



FFBA5C



FFEACF



FF5CA3



807362



000000



808080



# Same Dimension

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



FFBA5C



FFAC3B



F4FF5C



807A73



BF6E00

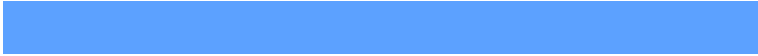


402500



# Inverse Universe

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



5CA1FF



3B8EFF



675CFF



737880



0051BF



001B40



# Previews

## White Background



This preview shows how the Hex color FFBA5C looks on a white background.

## Color Contrast Check

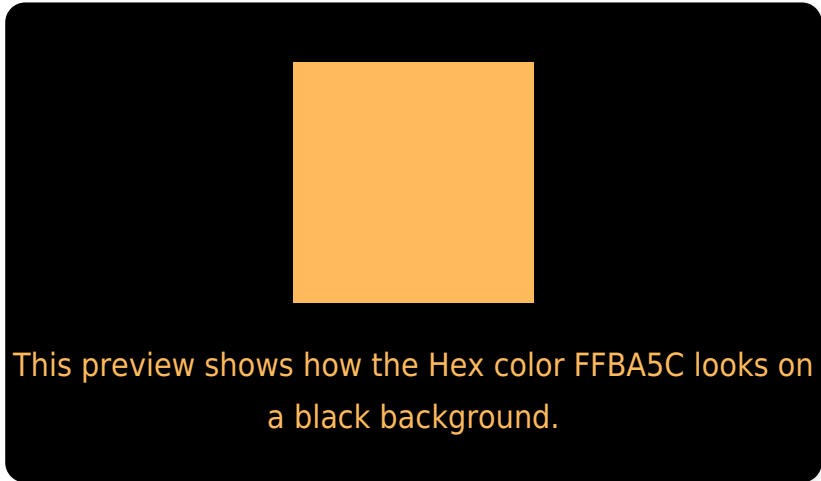
Large Text (above 18pt) WCAG AA × Fail

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 FFBA5C Background



This preview shows how black text looks on a background with the Hex color FFBA5C.



This preview shows how white text looks on a background with the Hex color FFBA5C.

# 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**  
FFBA5C

**Protanopia**  
DDC860

**Deuteranopia**  
F7BE5B



**Tritanopia**  
FFB3BE

# Trichromacy



**Original Color**  
FFBA5C

**Protanomaly**  
E9C35F

**Deuteranomaly**  
FABD5B

**Tritanomaly**  
FFB69A

# Monochromacy



**Original Color**  
FFBA5C

**Achromatopsia**  
C4C4C4

**Achromatomaly**  
D9C09E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FFBA5C 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 #FFBA5C looks like.

```
.text, #text, p{  
    color:#FFBA5C  
}
```

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 #FFBA5C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFBA5C
}
```

## Border

The CSS property to change the border of an element to Hex FFBA5C 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
#FFBA5C }
```

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

```
.border{ border-color:#FFBA5C }
```

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

Here you see how a box with a 4 pixel #FFBA5C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFBA5C; -webkit-box-shadow:4px 4px  
4px 4px #FFBA5C; box-shadow:4px 4px 4px  
4px #FFBA5C }
```

# Background

The CSS property to change the background color of an element to Hex FFBA5C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFBA5C }
```

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

```
.background{ background-color:#FFBA5C }
```

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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