

Converting Colors

Hex(FFBC5C)

Have a look what the booklet for
Hex(FFBC5C) contains.

Hex(FFBC5C)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(FFBC5C)

Conversions

Conversions Part 1

Format	Color
Hex	FFBC5C
RGB	255, 188, 92
RGB Percent	100%, 74%, 36%
CMY	0.0000, 0.2627, 0.6392
CMYK	0.00, 0.26, 0.64, 0.00
HSL	35°, 100%, 68%
HSV	35°, 64%, 100%
XYZ	61.1550, 57.9991, 18.0970
YIQ	197.0890, 70.7480, -15.6520

Conversions

Conversions Part 2

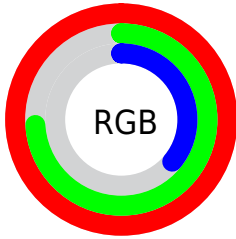
Format	Color
R _Y B	206, 255, 92
Decimal	16759900
CIE Lab	80.74, 14.68, 56.83
CIE LCh	81, 58.692, 75.518
Yxy	57.9991, 0.4456, 0.4226
Android (android.graphics.Color)	4294949980 (0xFFFFBC5C)
YUV	197.0890, -51.8089, 50.7879
Hunter-Lab	76.1572, 10.0623, 39.2212

Details

The Hex color **FFBC5C** 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 **5C9FFF**, and the grayscale version is **C6C6C6**.

A 20% lighter version of the original color is **FFF491**, and **C28727** is the 20% darker color. If you saturate the color by 10%, you get **FFB243**, and if you desaturate by 10%, it is **FFC676**.

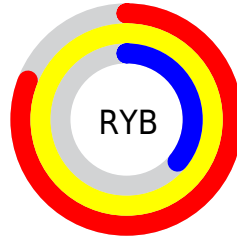
Distribution



Red (100%)

Green (74%)

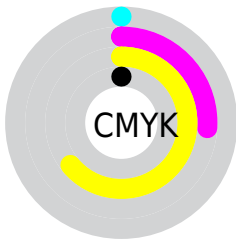
Blue (36%)



Red (81%)

Yellow (100%)

Blue (36%)

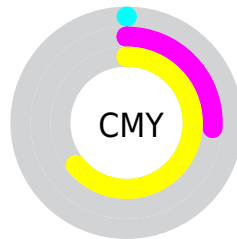


Cyan (0%)

Magenta (26%)

Yellow (64%)

Black (0%)



Cyan (0%)

Magenta (26%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color FFBC5C 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 FFBC5C by changing the saturation by 10% instead.

 FFBC5C

 FFBC5C

FFFFFF

 E0A142

 FFF491

 C28727

 FFFFAD

 A56E04

 FFFFC9

 885500

 FFFF E6

 6B3E00

 4F2800

 351400

 1E0000

 000000

 FFBC5C

 FFBC5C

 FFB243

 FFC676

 FFA729

 FFD18F

 FF9D10

 FFDBA9

 FF9600

 FFE6C2

 FFF0DC

 FFFBF5

FFFFFF

Harmonies

Analogous

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



FFA87C



FFBC5C



CDCE5A

Triad

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



FFBC5C



00E4E4



F1AFFF

Complementary

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



FFBC5C



5C9FFF

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.



9FC4FF



FFBC5C



00E0FF

Square

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



FFBC5C



27E2AB



00D6FF



FF9DE5

Rectangle

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



FFBC5C



A5D86B



00D6FF



DAB6FF

Sweetspot

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



FFBC5C



FFEBCF



FF5CA0



807362



000000



808080

Same Dimension

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



FFBC5C



FFAE3B



F1FF5C



807A73



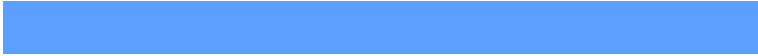
BF7100



402600

Inverse Universe

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



5C9FFF



3B8BFF



6A5CFF



737880



004FBF



001A40

Previews

White Background



This preview shows how the Hex color FFBC5C looks on a white background.

Color Contrast Check

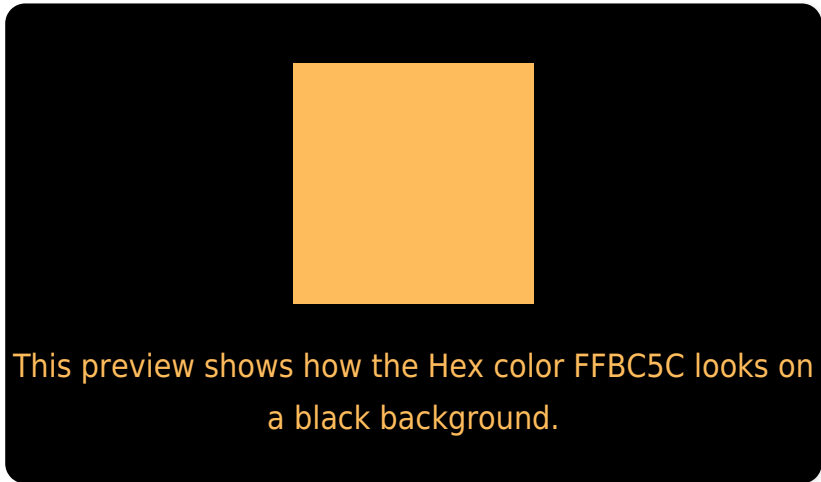
Large Text (above 18pt) WCAG AA × Fail

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 FFBC5C Background



This preview shows how black text looks on a background with the Hex color FFBC5C.



This preview shows how white text looks on a background with the Hex color FFBC5C.

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
FFBC5C

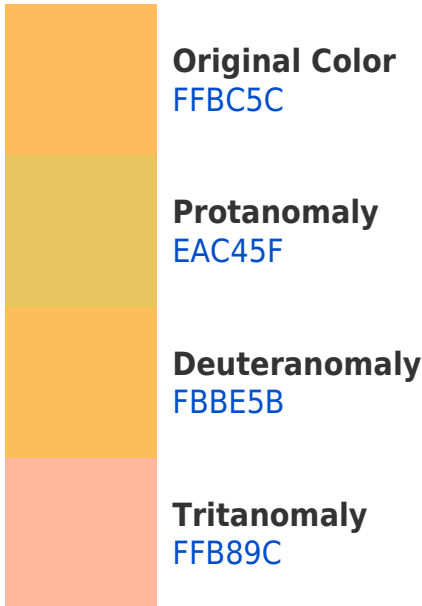
Protanopia
DEC960

Deuteranopia
F8BF5B

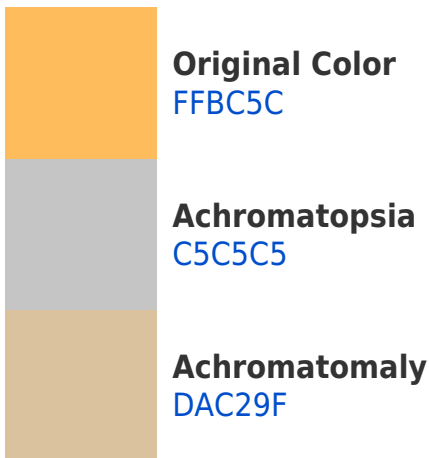


Tritanopia
FFB5C0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex FFBC5C 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 #FFBC5C looks like.

```
.text, #text, p{  
    color:#FFBC5C  
}
```

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 #FFBC5C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFBC5C
}
```

Border

The CSS property to change the border of an element to Hex FFBC5C 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
#FFBC5C }
```

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

```
.border{ border-color:#FFBC5C }
```

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

Here you see how a box with a 4 pixel #FFBC5C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFBC5C; -webkit-box-shadow:4px 4px  
4px 4px #FFBC5C; box-shadow:4px 4px 4px  
4px #FFBC5C }
```

Background

The CSS property to change the background color of an element to Hex FFBC5C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFBC5C }
```

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

```
.background{ background-color:#FFBC5C }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor