

Converting Colors

Hex(FFBB5B)

Have a look what the booklet for
Hex(FFBB5B) contains.

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Color

Hex(FFB55B)

Conversions

Conversions Part 1

Format	Color
Hex	FFBB5B
RGB	255, 187, 91
RGB Percent	100%, 73%, 36%
CMY	0.0000, 0.2667, 0.6431
CMYK	0.00, 0.27, 0.64, 0.00
HSL	35°, 100%, 68%
HSV	35°, 64%, 100%
XYZ	60.8987, 57.5560, 17.7972
YIQ	196.3880, 71.3440, -15.4400

Conversions

Conversions Part 2

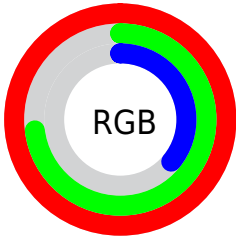
Format	Color
RYB	207, 255, 91
Decimal	16759643
CIELab	80.49, 15.14, 57.01
CIELCh	80, 58.988, 75.130
Yxy	57.5560, 0.4470, 0.4224
Android (android.graphics.Color)	4294949723 (0xFFFFBB5B)
YUV	196.3880, -51.9563, 51.4027
Hunter-Lab	75.8657, 10.5201, 39.1972

Details

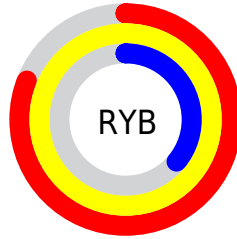
The Hex color **FFBB5B** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light muted orange. A complement of this color would be **5B9FFF**, and the grayscale version is **C5C5C5**.

A 20% lighter version of the original color is **FFF390**, and **C28626** is the 20% darker color. If you saturate the color by 10%, you get **FFB042**, and if you desaturate by 10%, it is **FFC675**.

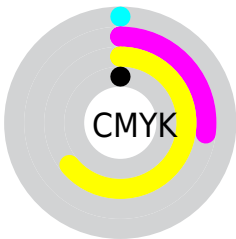
Distribution



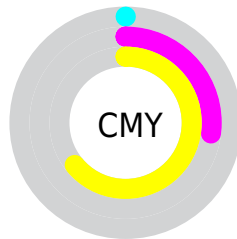
- Red (100%)
- Green (73%)
- Blue (36%)



- Red (81%)
- 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 FFBB5B 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 FFBB5B by changing the saturation by 10% instead.

 FFBB5B

 FFBB5B

FFFFFF

 E0A041

 FFF390

 C28626

 FFFFAC

 A56D02

 FFFFC8

 885400

 FFFFEE

 6B3D00

 4F2700

 351300

 1E0000

 000000

 FFBB5B

 FFBB5B

 FFB042

 FFC675

 FFA628

 FFD08E

 FF9B0F

 FFDBA8

 FF9500

 FFE5C1

 FFF0DB

 FFFAF4

FFFFFF

Harmonies

Analogous

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



FFA77C



FFBB5B



CDCD58

Triad

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



FFBB5B



00E4E3



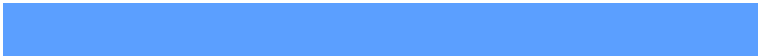
FOAEFF

Complementary

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



FFBB5B



5B9FFF

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.



9DC4FF



FFBB5B



00E0FF

Square

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



FFBB5B



26E2AA



00D5FF



FF9CE6

Rectangle

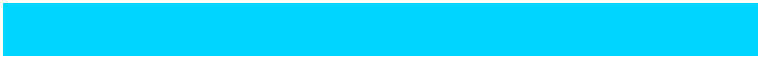
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



FFBB5B



A5D76A



00D5FF



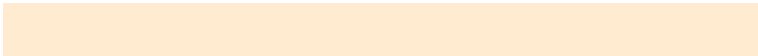
D8B5FF

Sweetspot

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



FFBB5B



FFEBCF



FF5B9F



807362



000000



808080

Same Dimension

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



FFBB5B



FFAE3B



F1FF5B



807A73



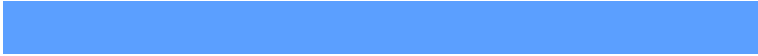
BF7000



402500

Inverse Universe

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



5B9FFF



3B8CFF



695BFF



737880



004FBF



001A40

Previews

White Background



This preview shows how the Hex color FFBB5B looks on a white background.

Color Contrast Check

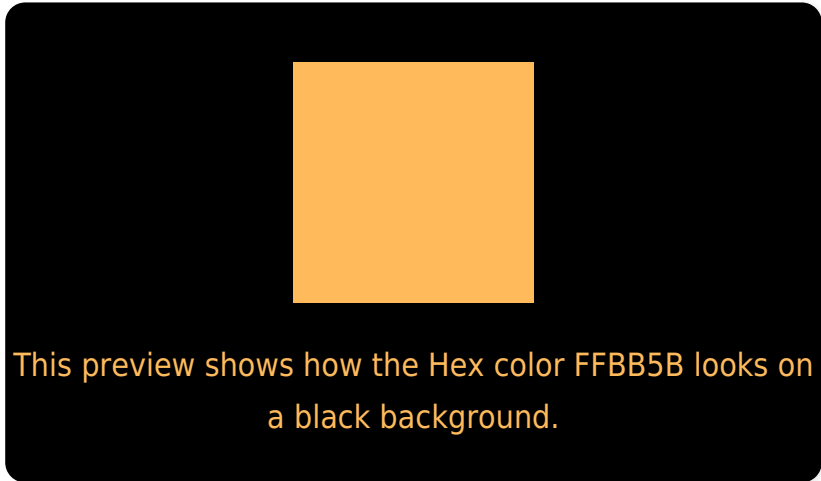
Large Text (above 18pt) WCAG AA × Fail

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 FFBB5B Background



This preview shows how black text looks on a background with the Hex color FFBB5B.

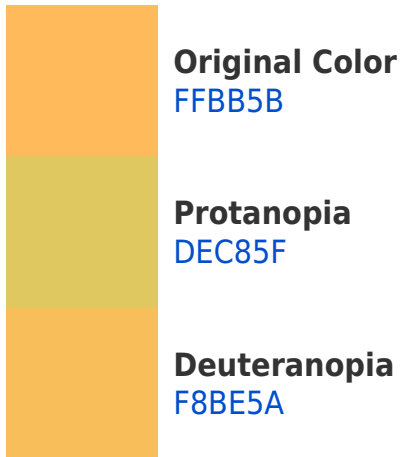


This preview shows how white text looks on a background with the Hex color FFBB5B.

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](#).

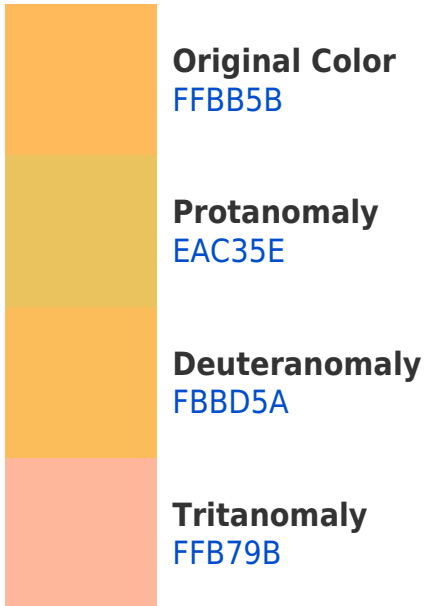
Dichromacy





Tritanopia
FFB4BF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex FFBB5B 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 #FFBB5B looks like.

```
.text, #text, p{  
    color:#FFBB5B  
}
```

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 #FFBB5B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFBB5B  
}
```

Border

The CSS property to change the border of an element to Hex FFBB5B 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  
#FFBB5B }
```

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

```
.border{ border-color:#FFBB5B }
```

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

Here you see how a box with a 4 pixel #FFBB5B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFBB5B; -webkit-box-shadow:4px 4px  
4px 4px #FFBB5B; box-shadow:4px 4px 4px  
4px #FFBB5B }
```

Background

The CSS property to change the background color of an element to Hex FFBB5B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFBB5B }
```

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

```
.background{ background-color:#FFBB5B }
```

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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