

Converting Colors

Hex(FFB85B)

Have a look what the booklet for
Hex(FFB85B) contains.

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Color

Hex(FFB85B)

Conversions

Conversions Part 1

Format	Color
Hex	FFB85B
RGB	255, 184, 91
RGB Percent	100%, 72%, 36%
CMY	0.0000, 0.2784, 0.6431
CMYK	0.00, 0.28, 0.64, 0.00
HSL	34°, 100%, 68%
HSV	34°, 64%, 100%
XYZ	60.2688, 56.2963, 17.5873
YIQ	194.6270, 72.1690, -13.8710

Conversions

Conversions Part 2

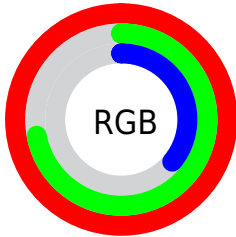
Format	Color
R _Y B	216, 255, 91
Decimal	16758875
CIE Lab	79.78, 16.70, 56.22
CIE LCh	80, 58.650, 73.453
Yxy	56.2963, 0.4493, 0.4196
Android (android.graphics.Color)	4294948955 (0xFFFFB85B)
YUV	194.6270, -51.0881, 52.9471
Hunter-Lab	75.0309, 12.0768, 38.6240

Details

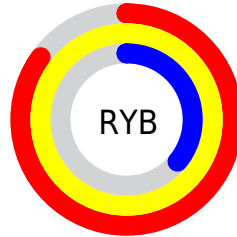
The Hex color **FFB85B** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light muted orange. A complement of this color would be **5BA2FF**, and the grayscale version is **C3C3C3**.

A 20% lighter version of the original color is **FFF090**, and **C28326** is the 20% darker color. If you saturate the color by 10%, you get **FFAD42**, and if you desaturate by 10%, it is **FFC375**.

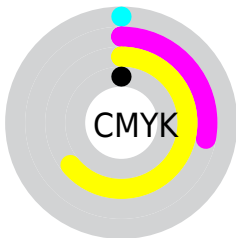
Distribution



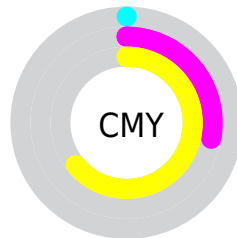
- Red (100%)
- Green (72%)
- Blue (36%)



- Red (85%)
- Yellow (100%)
- Blue (36%)



- Cyan (0%)
- Magenta (28%)
- Yellow (64%)
- Black (0%)



- Cyan (0%)
- Magenta (28%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color FFB85B 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 FFB85B by changing the saturation by 10% instead.

 FFB85B

 FFB85B

FFFFFF

 E09D41

 FFF090

 C28326

 FFFFAC

 A56A04

 FFFFC8

 875200

 FFFFE4

 6B3B00

 4F2500

 341000

 1D0001

 000000

 #FFB85B

 #FFB85B

 #FFAD42

 #FFC375

 #FFA228

 #FFCE8E

 #FF970F

 #FFD9A8

 #FF9100

 #FFE4C1

 #FFEFD8

 #FFFAF4

#FFFFFF

Harmonies

Analogous

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



FFA47D



FFB85B



CECB56

Triad

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



FFB85B



00E1DD



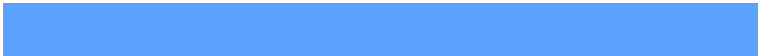
EAAEFF

Complementary

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



FFB85B



5BA2FF

Split Complementary

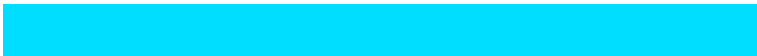
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



95C3FF



FFB85B



00DEFF

Square

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



FFB85B



31DFA5



00D4FF



FF9BE6

Rectangle

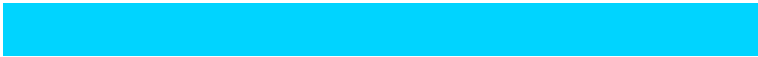
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



FFB85B



A7D467



00D4FF



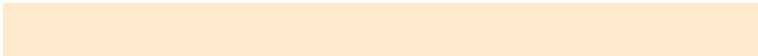
D2B5FF

Sweetspot

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



FFB85B



FFEACF



FF5BA2



807362



000000



808080

Same Dimension

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



FFB85B



FFAA3B



F4FF5B



807A73



BF6C00



402400

Inverse Universe

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



5BA2FF



3B90FF



665BFF



737880



0053BF



001C40

Previews

White Background



This preview shows how the Hex color FFB85B looks on a white background.

Color Contrast Check

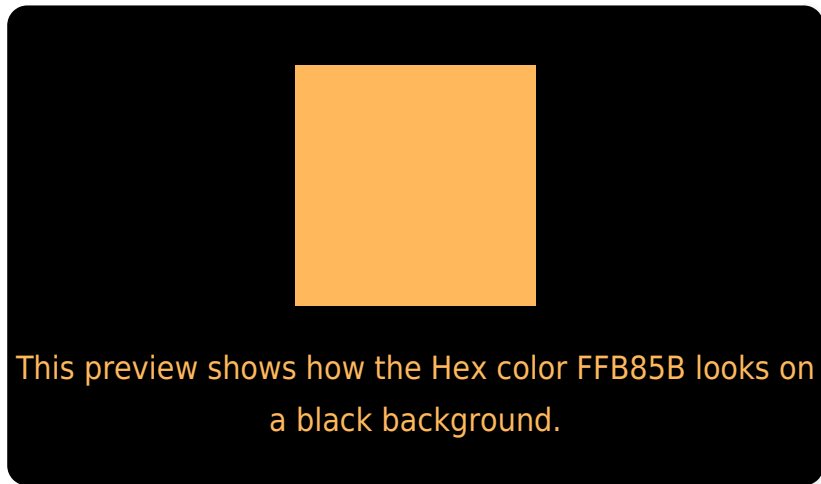
Large Text (above 18pt) WCAG AA × Fail

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 FFB85B Background



This preview shows how black text looks on a background with the Hex color FFB85B.

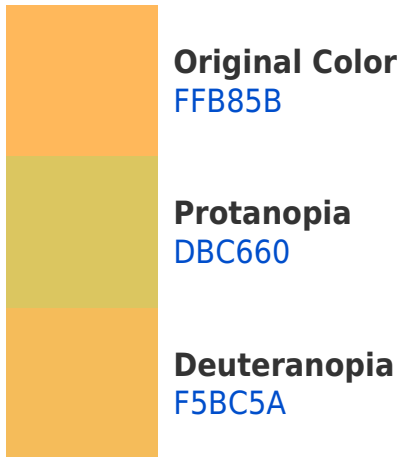


This preview shows how white text looks on a background with the Hex color FFB85B.

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
FFB1BC

Trichromacy



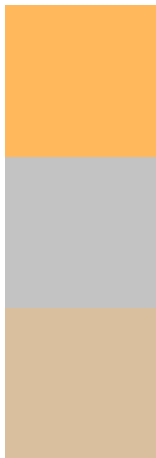
Original Color
FFB85B

Protanomaly
E8C15E

Deuteranomaly
F9BB5A

Tritanomaly
FFB499

Monochromacy



Original Color
FFB85B

Achromatopsia
C3C3C3

Achromatomaly
D9BF9D

CSS Examples

Text

The CSS property to change the color of the text to Hex FFB85B 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 #FFB85B looks like.

```
.text, #text, p{  
    color:#FFB85B  
}
```

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 #FFB85B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFB85B }  
}
```

Border

The CSS property to change the border of an element to Hex FFB85B 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 #FFB85B }  
}
```

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

```
.border{ border-color:#FFB85B }
```

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

Here you see how a box with a 4 pixel #FFB85B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFB85B; -webkit-box-shadow:4px 4px  
4px 4px #FFB85B; box-shadow:4px 4px 4px  
4px #FFB85B }
```

Background

The CSS property to change the background color of an element to Hex FFB85B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFB85B }
```

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

```
.background{ background-color:#FFB85B }
```

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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