

Converting Colors

Hex(FFB75D)

Have a look what the booklet for
Hex(FFB75D) contains.

Hex(FFB75D)	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(FFB75D)

Conversions

Conversions Part 1

Format	Color
Hex	FFB75D
RGB	255, 183, 93
RGB Percent	100%, 72%, 36%
CMY	0.0000, 0.2824, 0.6353
CMYK	0.00, 0.28, 0.64, 0.00
HSL	33°, 100%, 68%
HSV	33°, 64%, 100%
XYZ	60.1493, 55.9173, 17.9788
YIQ	194.2680, 71.8020, -12.7260

Conversions

Conversions Part 2

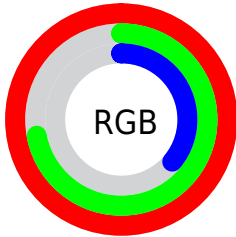
Format	Color
R _Y B	223, 255, 93
Decimal	16758621
CIE Lab	79.57, 17.35, 55.05
CIE LCh	80, 57.716, 72.508
Yxy	55.9173, 0.4487, 0.4172
Android (android.graphics.Color)	4294948701 (0xFFFFB75D)
YUV	194.2680, -49.9251, 53.2620
Hunter-Lab	74.7779, 12.7193, 38.0894

Details

The Hex color **FFB75D** 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 **5DA5FF**, and the grayscale version is **C3C3C3**.

A 20% lighter version of the original color is **FFEF92**, and **C28229** is the 20% darker color. If you saturate the color by 10%, you get **FFAC43**, and if you desaturate by 10%, it is **FFC277**.

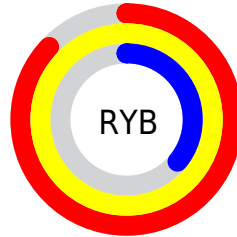
Distribution



Red (100%)

Green (72%)

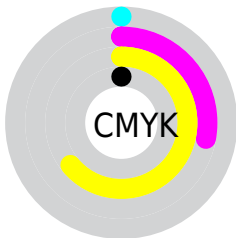
Blue (36%)



Red (87%)

Yellow (100%)

Blue (36%)

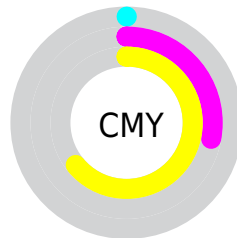


Cyan (0%)

Magenta (28%)

Yellow (64%)

Black (0%)



Cyan (0%)

Magenta (28%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color FFB75D 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 FFB75D by changing the saturation by 10% instead.

 FFB75D

 FFB75D

FFFFFF

 E09C43

 FFEF92

 C28229

 FFFFAD

 A56909

 FFFFCA

 875100

 FFFF E6

 6B3A00

 4F2400

 340F00

 1D0001

 000000

 #FFB75D

 #FFB75D

 #FFAC43

 #FFC277

 #FFA02A

 #FFCE90

 #FF9510

 #FFD9AA

 #FF8E00

 #FFE4C3

 #FFF0DD

 #FFBF6

#FFFFFF

Harmonies

Analogous

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



FFA37F



FFB75D



CFC957

Triad

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



FFB75D



00E0DB



E6AEFF

Complementary

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



FFB75D



5DA5FF

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.



93C3FF



FFB75D



00DDFF

Square

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



FFB75D



3ADEA3



00D4FF



FF9CE7

Rectangle

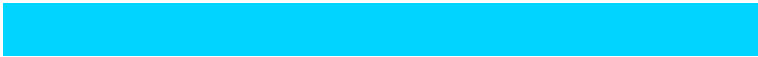
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



FFB75D



A9D367



00D4FF



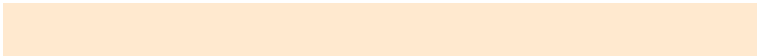
CFB5FF

Sweetspot

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



FFB75D



FFE9CF



FF5DA6



807262



000000



808080

Same Dimension

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



FFB75D



FFA93D



F7FF5D



807A73



BF6A00



402300

Inverse Universe

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



5DA5FF



3D93FF



655DFF



737880



0055BF



001C40

Previews

White Background



This preview shows how the Hex color FFB75D looks on a white background.

Color Contrast Check

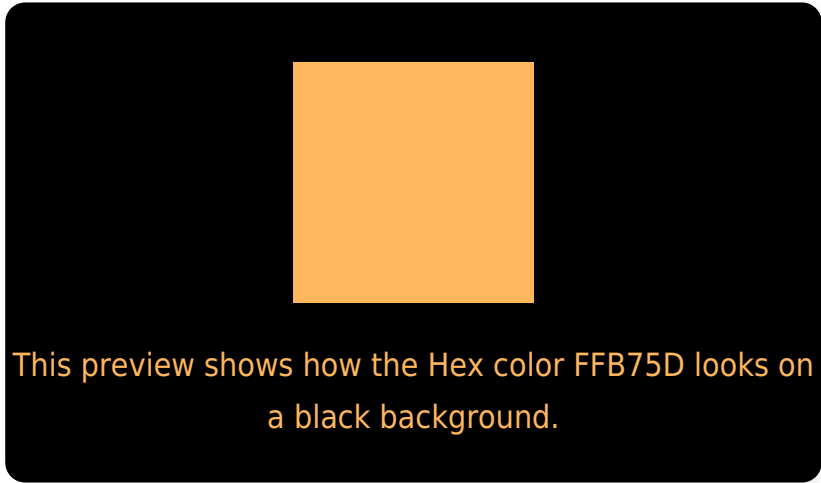
Large Text (above 18pt) WCAG AA × Fail

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 FFB75D Background



This preview shows how black text looks on a background with the Hex color FFB75D.

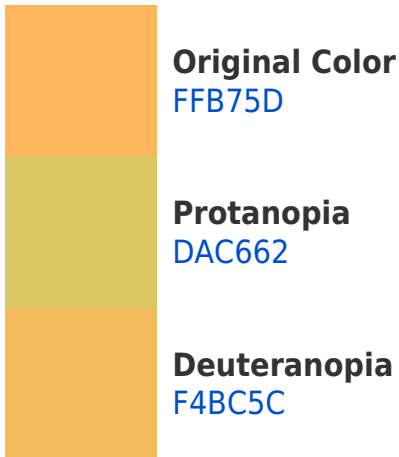



This preview shows how white text looks on a background with the Hex color FFB75D.

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](#).

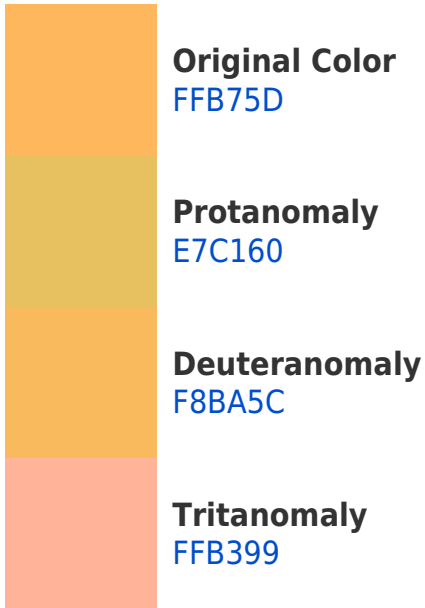
Dichromacy



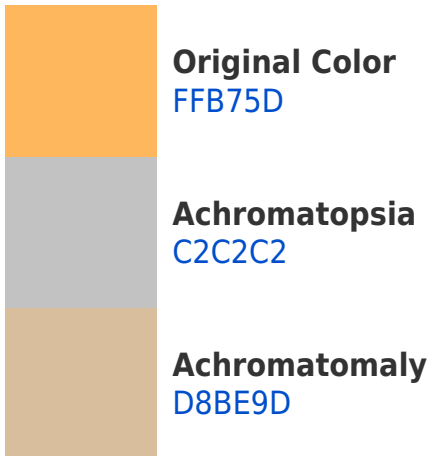


Tritanopia
FFB0BB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex FFB75D 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 #FFB75D looks like.

```
.text, #text, p{  
    color:#FFB75D  
}
```

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 #FFB75D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFB75D
}
```

Border

The CSS property to change the border of an element to Hex FFB75D 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
#FFB75D }
```

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

```
.border{ border-color:#FFB75D }
```

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

Here you see how a box with a 4 pixel #FFB75D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFB75D; -webkit-box-shadow:4px 4px  
4px 4px #FFB75D; box-shadow:4px 4px 4px  
4px #FFB75D }
```

Background

The CSS property to change the background color of an element to Hex FFB75D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFB75D }
```

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

```
.background{ background-color:#FFB75D }
```

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