

# Converting Colors

Hex(FFB370)

Have a look what the booklet for  
Hex(FFB370) contains.

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# **Color**

**Hex(FFB370)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFB370
RGB	255, 179, 112
RGB Percent	100%, 70%, 44%
CMY	0.0000, 0.2980, 0.5608
CMYK	0.00, 0.30, 0.56, 0.00
HSL	28°, 100%, 72%
HSV	28°, 56%, 100%
XYZ	60.2847, 54.6701, 22.7043
YIQ	194.0860, 66.8030, -4.7250

# Conversions

## Conversions Part 2

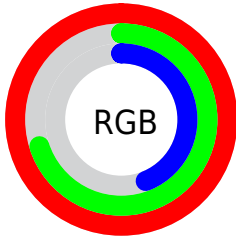
Format	Color
R <sub>Y</sub> B	255, 238, 112
Decimal	16757616
CIE Lab	78.85, 20.76, 44.94
CIE LCh	79, 49.499, 65.209
Yxy	54.6701, 0.4379, 0.3971
Android (android.graphics.Color)	4294947696 (0xFFFFB370)
YUV	194.0860, -40.4684, 53.4216
Hunter-Lab	73.9392, 16.1425, 33.5515

# Details

The Hex color **FFB370** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **70BCFF**, and the grayscale version is **C2C2C2**.

A 20% lighter version of the original color is **FFEBA5**, and **C37E3E** is the 20% darker color. If you saturate the color by 10%, you get **FFA557**, and if you desaturate by 10%, it is **FFC18A**.

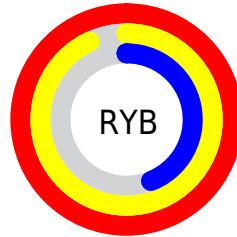
# Distribution



Red (100%)

Green (70%)

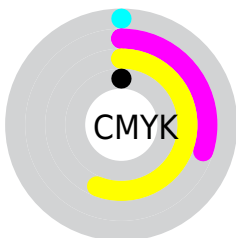
Blue (44%)



Red (100%)

Yellow (93%)

Blue (44%)

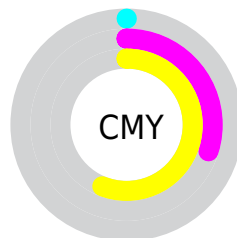


Cyan (0%)

Magenta (30%)

Yellow (56%)

Black (0%)



Cyan (0%)

Magenta (30%)

Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FFB370 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 FFB370 by changing the saturation by 10% instead.



 FFB370

 FFB370

FFFFFF

 E19857

 FFEBA5

 C37E3E

 FFFFC1

 A56525

 FFFFDD

 894D0B

 FFFFFA

 6C3600

 511F00

 360A00

 1D0001

 000000

 #FFB370

 #FFB370

 #FFA557

 #FFC18A

 #FF983D

 #FFCEA3

 #FF8A23

 #FFDCBD

 #FF7D0A

 #FFE9D6

 #FF7700

 #FFF7F0

#FFFFFF

# Harmonies

## Analogous

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



FFA490



FFB370



D8C365

# Triad

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



FFB370



00DBCA



D2B4FF

# Complementary

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



FFB370



70BCFF

# 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.



88C5FF



FFB370



00D9F7

# Square

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



FFB370



6CD89B



00D2FF



FFA4EB

# Rectangle

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



FFB370



B9CC6D



00D2FF



BCBAFF

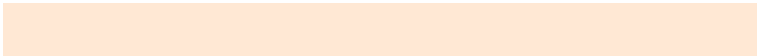


# Sweetspot

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



FFB370



FFE8D4



FF70BC



807266



000000



808080



# Same Dimension

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



FFB370



FFA454



FFFA70



807973



BF5A00



401E00



# Inverse Universe

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



70BCFF



54AFFF



7075FF



737A80



0066BF



002240



# Previews

## White Background



This preview shows how the Hex color FFB370 looks on a white background.

## Color Contrast Check

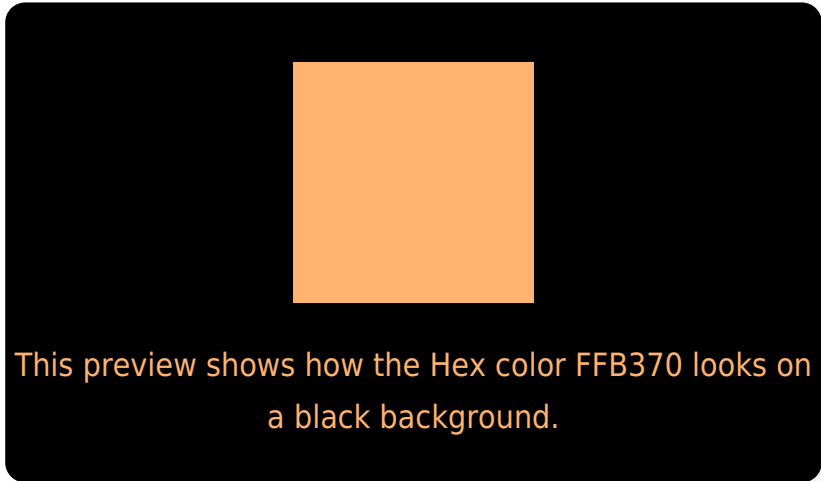
Large Text (above 18pt) WCAG AA × Fail

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

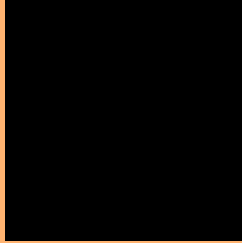
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex FFB370 Background



This preview shows how black text looks on a background with the Hex color FFB370.

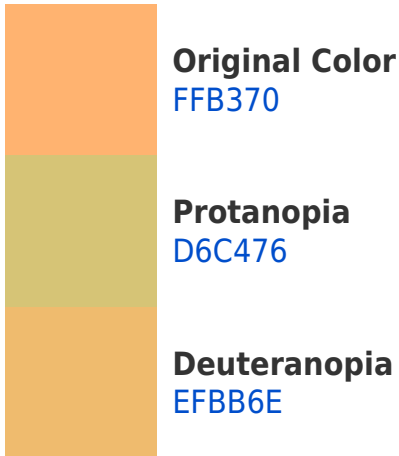


This preview shows how white text looks on a background with the Hex color FFB370.

# Color Blindness Simulation

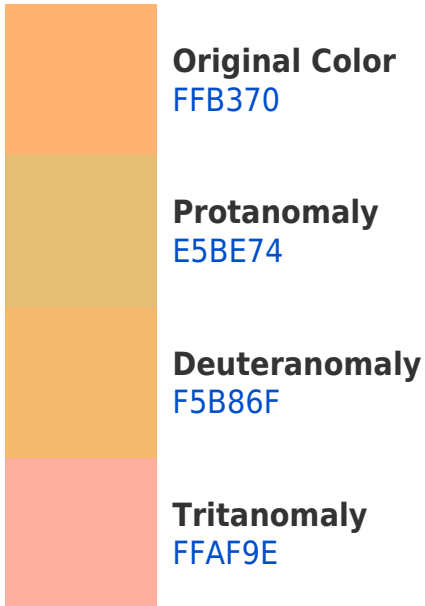
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

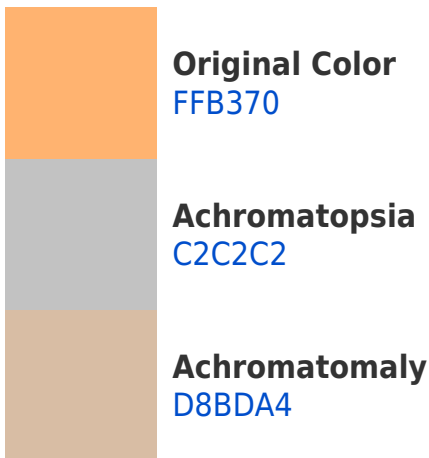




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex FFB370 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 #FFB370 looks like.

```
.text, #text, p{  
    color:#FFB370  
}
```

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 #FFB370 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFB370  
}
```

## Border

The CSS property to change the border of an element to Hex FFB370 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  
#FFB370 }
```

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

```
.border{ border-color:#FFB370 }
```

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

Here you see how a box with a 4 pixel #FFB370 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFB370; -webkit-box-shadow:4px 4px  
4px 4px #FFB370; box-shadow:4px 4px 4px  
4px #FFB370 }
```

# Background

The CSS property to change the background color of an element to Hex FFB370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFB370 }
```

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

```
.background{ background-color:#FFB370 }
```

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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