

# Converting Colors

Hex(FFB069)

Have a look what the booklet for  
Hex(FFB069) contains.

<b>Hex(FFB069)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Hex(FFB069)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFB069
RGB	255, 176, 105
RGB Percent	100%, 69%, 41%
CMY	0.0000, 0.3098, 0.5882
CMYK	0.00, 0.31, 0.59, 0.00
HSL	28°, 100%, 71%
HSV	28°, 59%, 100%
XYZ	59.3151, 53.3306, 20.5322
YIQ	191.5270, 69.8750, -5.3330

# Conversions

## Conversions Part 2

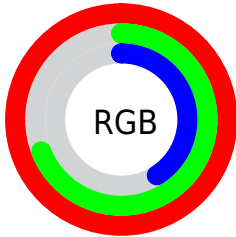
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	255, 240, 105
Decimal	16756841
CIE Lab	78.07, 21.81, 47.50
CIE LCh	78, 52.267, 65.341
Yxy	53.3306, 0.4454, 0.4004
Android (android.graphics.Color)	4294946921 (0xFFFFB069)
YUV	191.5270, -42.6578, 55.6658
Hunter-Lab	73.0278, 17.1839, 34.4497

# Details

The Hex color **FFB069** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **69B8FF**, and the grayscale version is **C0C0C0**.

A 20% lighter version of the original color is **FFE89E**, and **C27B37** is the 20% darker color. If you saturate the color by 10%, you get **FFA350**, and if you desaturate by 10%, it is **FFBD83**.

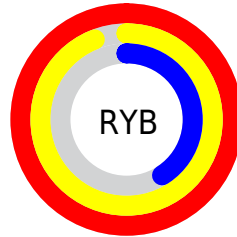
# Distribution



Red (100%)

Green (69%)

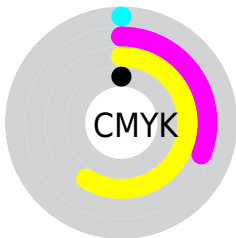
Blue (41%)



Red (100%)

Yellow (94%)

Blue (41%)

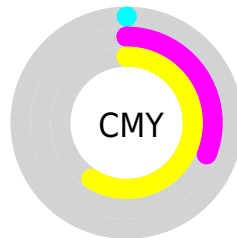


Cyan (0%)

Magenta (31%)

Yellow (59%)

Black (0%)



Cyan (0%)

Magenta (31%)

Yellow (59%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FFB069 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 FFB069 by changing the saturation by 10% instead.



 FFB069

 FFB069

FFFFFF

 E19550

 FFE89E

 C27B37

 FFFFB9

 A5621E

 FFFFD5

 884A00

 FFFFF2

 6C3300

 501D00

 350700

 1B0001

 000000

 #FFB069

 #FFB069

 #FFA350

 #FFBD83

 #FF9536

 #FFCB9C

 #FF881C

 #FFD8B5

 #FF7A03

 #FFE6CF

 #FF7900

 #FFF3E9

#FFFFFF

# Harmonies

## Analogous

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



FFA08B



FFB069



D6C15E

# Triad

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



FFB069



00DAC8



D1B1FF

# Complementary

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



FFB069



69B8FF

# 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.



80C3FF



FFB069



00D8F8

# Square

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



FFB069



62D797



00D1FF



FFA0EA

# Rectangle

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



FFB069



B5CB66



00D1FF



B9B7FF

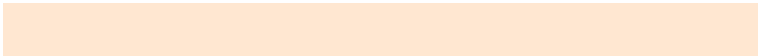


# Sweetspot

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



FFB069



FFE7D1



FF69B9



807163



000000



808080



# Same Dimension

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



FFB069



FFA04A



FFFA69



807973



BF5B00

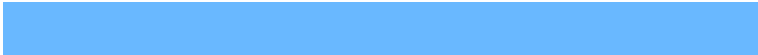


401E00



# Inverse Universe

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



69B8FF



4AA9FF



696EFF



737980



0065BF



002240



# Previews

## White Background



This preview shows how the Hex color FFB069 looks on a white background.

## Color Contrast Check

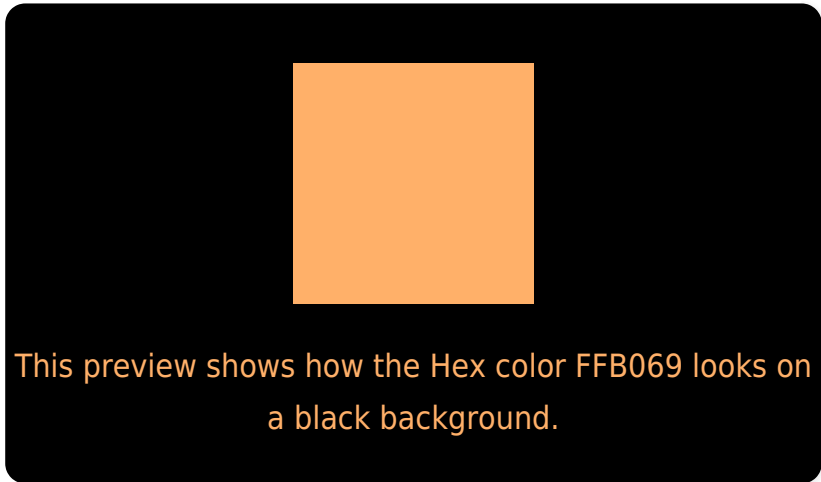
Large Text (above 18pt) WCAG AA × Fail

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

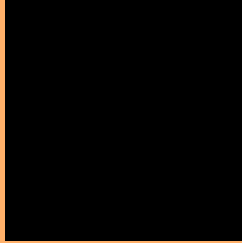
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex FFB069 Background



This preview shows how black text looks on a background with the Hex color FFB069.

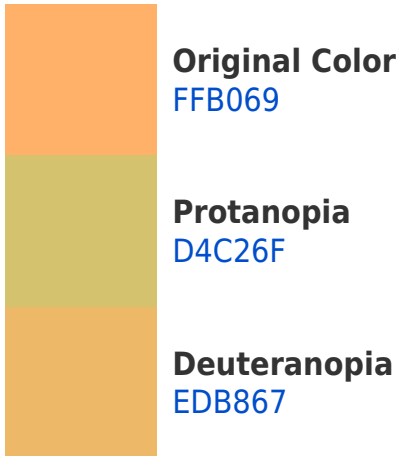


This preview shows how white text looks on a background with the Hex color FFB069.

# Color Blindness Simulation

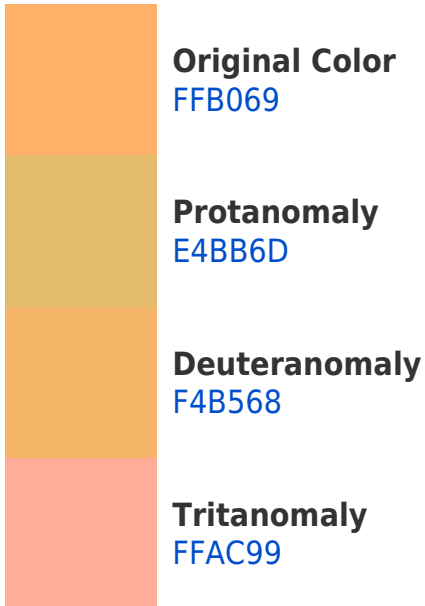
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

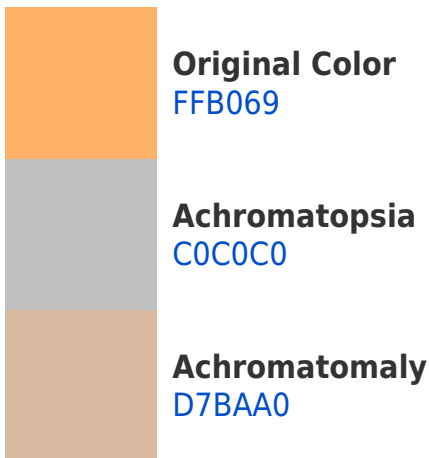




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex FFB069 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 #FFB069 looks like.

```
.text, #text, p{  
    color:#FFB069  
}
```

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 #FFB069 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFB069
}
```

## Border

The CSS property to change the border of an element to Hex FFB069 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
#FFB069 }
```

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

```
.border{ border-color:#FFB069 }
```

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

Here you see how a box with a 4 pixel #FFB069 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFB069; -webkit-box-shadow:4px 4px  
4px 4px #FFB069; box-shadow:4px 4px 4px  
4px #FFB069 }
```

# Background

The CSS property to change the background color of an element to Hex FFB069 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFB069 }
```

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

```
.background{ background-color:#FFB069 }
```

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