

# Converting Colors

Hex(FFB059)

Have a look what the booklet for  
Hex(FFB059) contains.

<b>Hex(FFB059)</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(FFB059)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFB059
RGB	255, 176, 89
RGB Percent	100%, 69%, 35%
CMY	0.0000, 0.3098, 0.6510
CMYK	0.00, 0.31, 0.65, 0.00
HSL	31°, 100%, 67%
HSV	31°, 65%, 100%
XYZ	58.5685, 53.0319, 16.6005
YIQ	189.7030, 75.0110, -10.3090

# Conversions

## Conversions Part 2

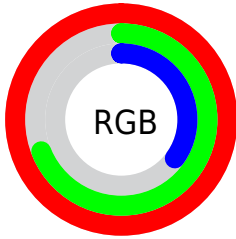
<b>Format</b>	<b>Color</b>
<b>RYB</b>	240, 255, 89
Decimal	16756825
CIELab	77.89, 20.76, 55.04
CIELCh	78, 58.828, 69.331
Yxy	53.0319, 0.4568, 0.4137
Android (android.graphics.Color)	4294946905 (0xFFFFB059)
YUV	189.7030, -49.6466, 57.2655
Hunter-Lab	72.8230, 16.1198, 37.4606

# Details

The Hex color **FFB059** 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 **59A8FF**, and the grayscale version is **BEBEBE**.

A 20% lighter version of the original color is **FFE88E**, and **C27B25** is the 20% darker color. If you saturate the color by 10%, you get **FFA440**, and if you desaturate by 10%, it is **FFBC73**.

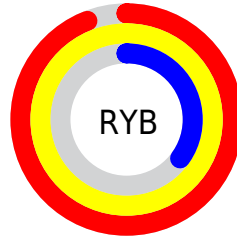
# Distribution



Red (100%)

Green (69%)

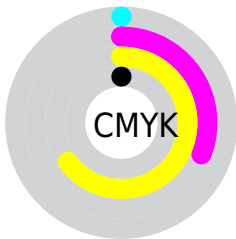
Blue (35%)



Red (94%)

Yellow (100%)

Blue (35%)

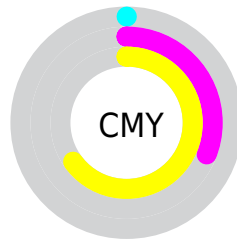


Cyan (0%)

Magenta (31%)

Yellow (65%)

Black (0%)



Cyan (0%)

Magenta (31%)

Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FFB059 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 FFB059 by changing the saturation by 10% instead.



 FFB059

 FFB059

FFFFFF

 E0953F

 FFE88E

 C27B25

 FFFFA9

 A46203

 FFFFC5

 874A00

 FFFFE2

 6A3300

 4E1D00

 330800

 180001

 000000

 #FFB059

 #FFB059

 #FFA440

 #FFBC73

 #FF9826

 #FFC88C

 #FF8C0D

 #FFD4A6

 #FF8600

 #FFE1BF

 #FFEDD9

 #FFF9F2

#FFFFFF

# Harmonies

## Analogous

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



FF9C7E



FFB059



D0C34F

# Triad

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



FFB059



00DCD0



DBABFF

# Complementary

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



FFB059



59A8FF

# 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.



80C1FF



FFB059



00DAFF

# Square

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



FFB059



3ED998



00D1FF



FF98E8

# Rectangle

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



FFB059



AACD5D



00D1FF



C1B3FF

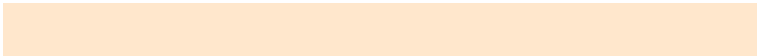


# Sweetspot

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



FFB059



FFE7CC



FF59A9



807161



000000



808080



# Same Dimension

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



FFB059



FFA038



FCFF59



807973



BF6400

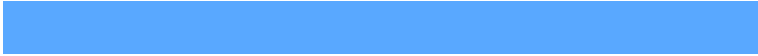


402100



# Inverse Universe

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



59A8FF



3897FF



5C59FF



737980



005BBF



001E40



# Previews

## White Background



This preview shows how the Hex color FFB059 looks on a white background.

## Color Contrast Check

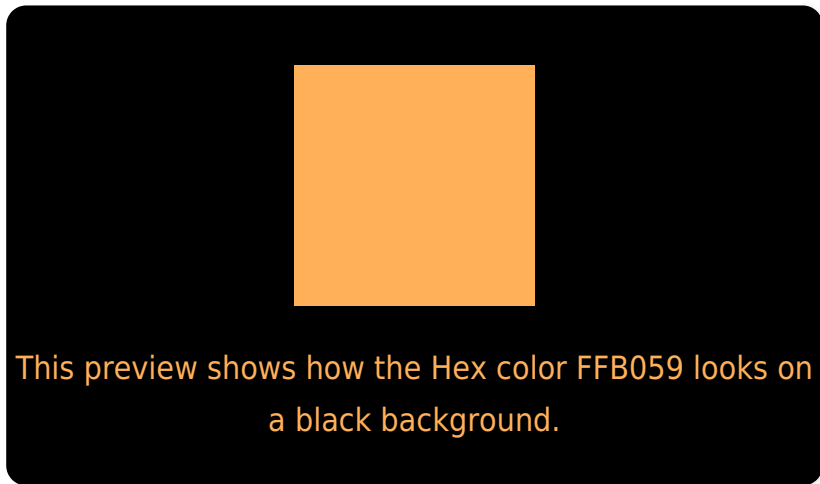
Large Text (above 18pt) WCAG AA × Fail

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

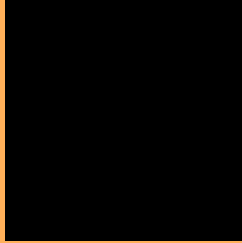
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex FFB059 Background



This preview shows how black text looks on a background with the Hex color FFB059.

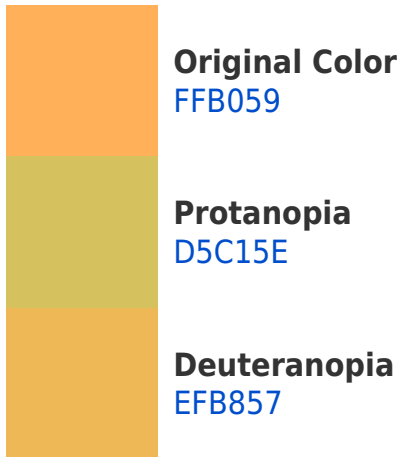


This preview shows how white text looks on a background with the Hex color FFB059.

# 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](#).

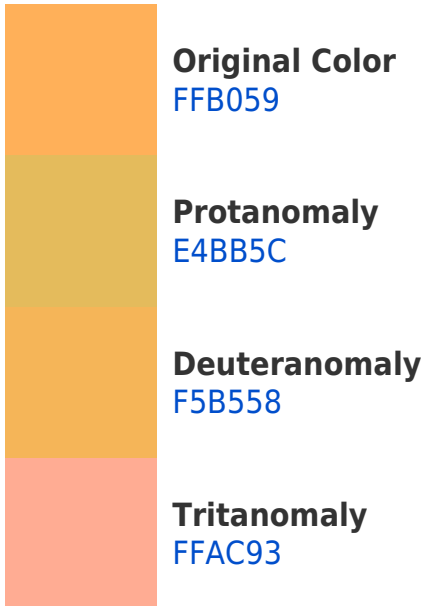
## Dichromacy





**Tritanopia**  
FFA9B4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex FFB059 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 #FFB059 looks like.

```
.text, #text, p{  
    color:#FFB059  
}
```

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 #FFB059 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFB059
}
```

## Border

The CSS property to change the border of an element to Hex FFB059 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
#FFB059 }
```

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

```
.border{ border-color:#FFB059 }
```

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

Here you see how a box with a 4 pixel #FFB059 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFB059; -webkit-box-shadow:4px 4px  
4px 4px #FFB059; box-shadow:4px 4px 4px  
4px #FFB059 }
```

# Background

The CSS property to change the background color of an element to Hex FFB059 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFB059 }
```

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

```
.background{ background-color:#FFB059 }
```

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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