

# Converting Colors

Hex(FFB15A)

Have a look what the booklet for  
Hex(FFB15A) contains.

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**Color**

**Hex(FFB15A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFB15A
RGB	255, 177, 90
RGB Percent	100%, 69%, 35%
CMY	0.0000, 0.3059, 0.6471
CMYK	0.00, 0.31, 0.65, 0.00
HSL	32°, 100%, 68%
HSV	32°, 65%, 100%
XYZ	58.8076, 53.4425, 16.8888
YIQ	190.4040, 74.4150, -10.5210

# Conversions

## Conversions Part 2

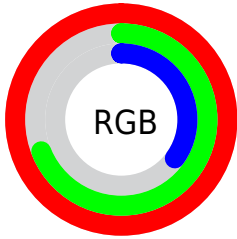
Format	Color
R <sub>Y</sub> B	238, 255, 90
Decimal	16757082
CIE Lab	78.14, 20.30, 54.84
CIE LCh	78, 58.480, 69.687
Yxy	53.4425, 0.4554, 0.4138
Android (android.graphics.Color)	4294947162 (0xFFFFB15A)
YUV	190.4040, -49.4992, 56.6507
Hunter-Lab	73.1044, 15.6588, 37.4757

# Details

The Hex color **FFB15A** 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 **5AA8FF**, and the grayscale version is **BFBFBF**.

A 20% lighter version of the original color is **FFE98F**, and **C27C26** is the 20% darker color. If you saturate the color by 10%, you get **FFA541**, and if you desaturate by 10%, it is **FFBD74**.

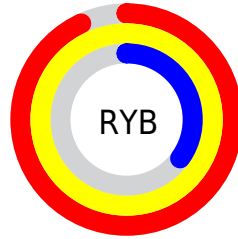
# Distribution



Red (100%)

Green (69%)

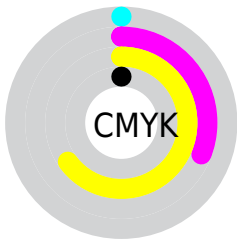
Blue (35%)



Red (93%)

Yellow (100%)

Blue (35%)

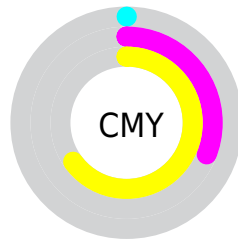


Cyan (0%)

Magenta (31%)

Yellow (65%)

Black (0%)



Cyan (0%)

Magenta (31%)

Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FFB15A 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 FFB15A by changing the saturation by 10% instead.



 FFB15A

 FFB15A

FFFFFF

 E09640

 FFE98F

 C27C26

 FFFFAA

 A46305

 FFFFC6

 874B00

 FFFFEE3

 6A3400

 4E1E00

 330900

 190001

 000000

 #FFB15A

 #FFB15A

 #FFA541

 #FFBD74

 #FF9927

 #FFC98D

 #FF8D0E

 #FFD5A7

 #FF8600

 #FFE1C0

 #FFEDDA

 #FFF9F3

#FFFFFF

# Harmonies

## Analogous

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



FF9D7F



FFB15A



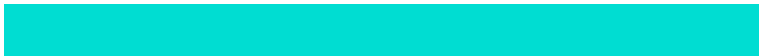
D0C451

# Triad

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



FFB15A



00DDD2



DCACFF

# Complementary

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



FFB15A



5AA8FF

# 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.



83C1FF



FFB15A



00DAFF

# Square

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



FFB15A



3EDA9A



00D1FF



FF99E8

# Rectangle

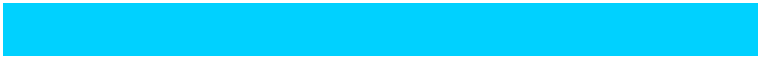
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



FFB15A



AACE5E



00D1FF



C3B3FF

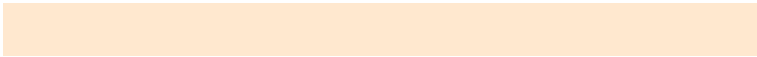


# Sweetspot

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



FFB15A



FFE8CF



FF5AAA



807262



000000



808080



# Same Dimension

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



FFB15A



FFA138



FCFF5A



807973



BF6500



402200



# Inverse Universe

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



5AA8FF



3896FF



5D5AFF



737980



005ABF



001E40



# Previews

## White Background



This preview shows how the Hex color FFB15A looks on a white background.

## Color Contrast Check

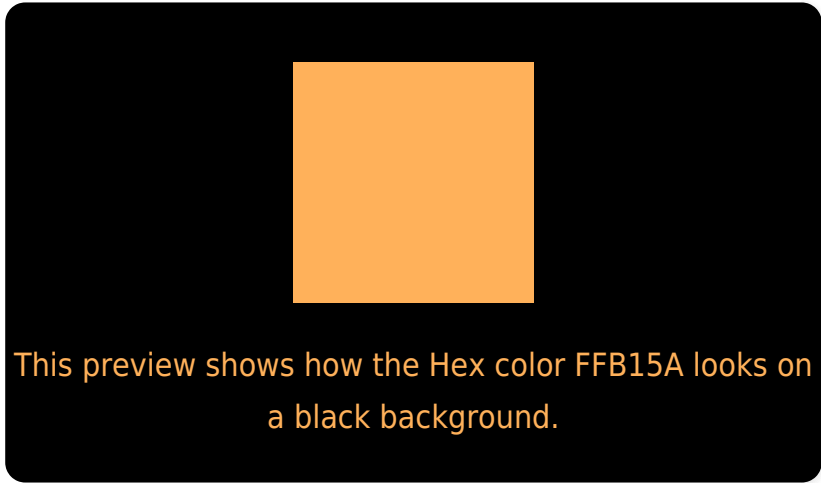
Large Text (above 18pt) WCAG AA × Fail

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

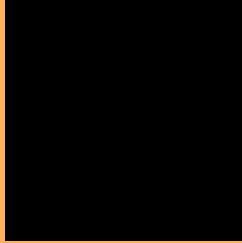
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex FFB15A Background



This preview shows how black text looks on a background with the Hex color FFB15A.



This preview shows how white text looks on a background with the Hex color FFB15A.

# 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



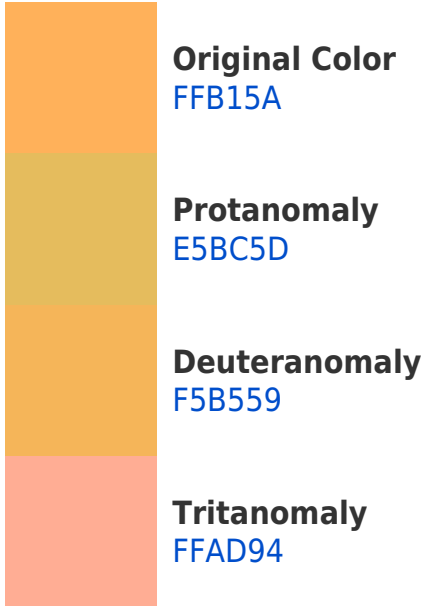
**Original Color**  
FFB15A

**Protanopia**  
D6C25F

**Deuteranopia**  
EFB858



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex FFB15A 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 #FFB15A looks like.

```
.text, #text, p{  
    color:#FFB15A  
}
```

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 #FFB15A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFB15A
}
```

## Border

The CSS property to change the border of an element to Hex FFB15A 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
#FFB15A }
```

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

```
.border{ border-color:#FFB15A }
```

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

Here you see how a box with a 4 pixel #FFB15A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFB15A; -webkit-box-shadow:4px 4px  
4px 4px #FFB15A; box-shadow:4px 4px 4px  
4px #FFB15A }
```

# Background

The CSS property to change the background color of an element to Hex FFB15A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFB15A }
```

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

```
.background{ background-color:#FFB15A }
```

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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