

# Converting Colors

Hex(FFB655)

Have a look what the booklet for  
Hex(FFB655) contains.

<b>Hex(FFB655)</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(FFB655)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFB655
RGB	255, 182, 85
RGB Percent	100%, 71%, 33%
CMY	0.0000, 0.2863, 0.6667
CMYK	0.00, 0.29, 0.67, 0.00
HSL	34°, 100%, 67%
HSV	34°, 67%, 100%
XYZ	59.6076, 55.3718, 16.1405
YIQ	192.7690, 74.6450, -14.6910

# Conversions

## Conversions Part 2

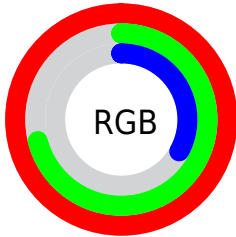
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	213, 255, 85
Decimal	16758357
CIE Lab	79.25, 17.40, 58.38
CIE LCh	79, 60.922, 73.405
Yxy	55.3718, 0.4546, 0.4223
Android (android.graphics.Color)	4294948437 (0xFFFFB655)
YUV	192.7690, -53.1301, 54.5766
Hunter-Lab	74.4122, 12.7654, 39.2282

# Details

The Hex color **FFB655** 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 **559EFF**, and the grayscale version is **C1C1C1**.

A 20% lighter version of the original color is **FFEE8A**, and **C2811F** is the 20% darker color. If you saturate the color by 10%, you get **FFAB3B**, and if you desaturate by 10%, it is **FFC16E**.

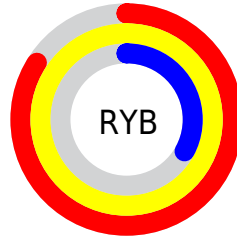
# Distribution



Red (100%)

Green (71%)

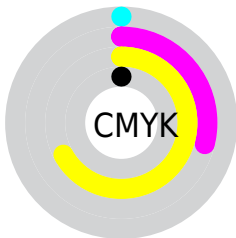
Blue (33%)



Red (84%)

Yellow (100%)

Blue (33%)

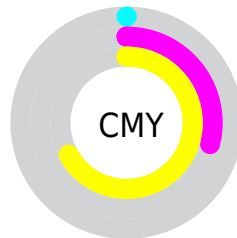


Cyan (0%)

Magenta (29%)

Yellow (67%)

Black (0%)



Cyan (0%)

Magenta (29%)

Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FFB655 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 FFB655 by changing the saturation by 10% instead.



 FFB655

 FFB655

FFFFFF

 E09B3B

 FFEE8A

 C2811F

 FFFFA6

 A46800

 FFFFC2

 875000

 FFFFDE

 6A3900

 FFFFFB

 4E2300

 340E00

 1B0001

 000000

■ #FFB655

■ #FFB655

■ #FFAB3B

■ #FFC16E

■ #FFA022

■ #FFCC88

■ #FF9508

■ #FFD7A2

■ #FF9200

■ #FFE2BB

■ #FFEDD4

■ #FFF8EE

FFFFFF

# Harmonies

## Analogous

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



FFA179



FFB655



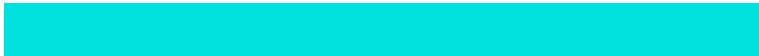
CCC950

# Triad

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



FFB655



00E1DD



E9ABFF

# Complementary

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



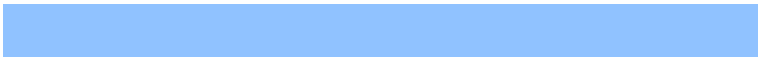
FFB655



559EFF

# 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.



90C2FF



FFB655



00DDFF

# Square

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



FFB655



1ADFA2



00D3FF



FF98E6

# Rectangle

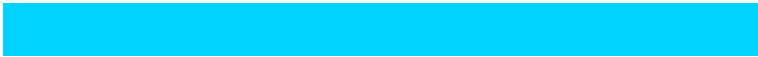
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



FFB655



A4D361



00D3FF



D0B3FF

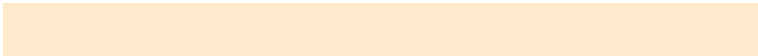


# Sweetspot

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



FFB655



FFE9CC



FF59F



807261



000000



808080



# Same Dimension

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



FFB655



FFA733



F4FF55



807A73



BF6D00



402400



# Inverse Universe

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



559EFF



338BFF



6055FF



737880



0052BF



001B40



# Previews

## White Background



This preview shows how the Hex color FFB655 looks on a white background.

## Color Contrast Check

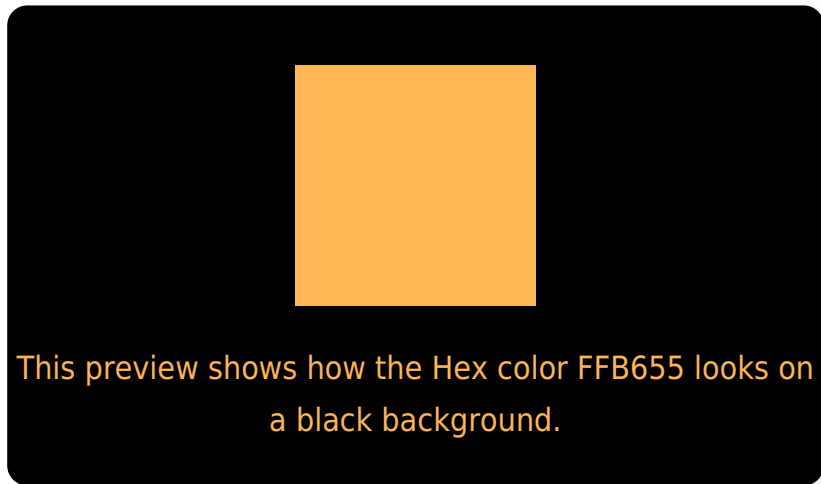
Large Text (above 18pt) WCAG AA × Fail

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 FFB655 Background



This preview shows how black text looks on a background with the Hex color FFB655.

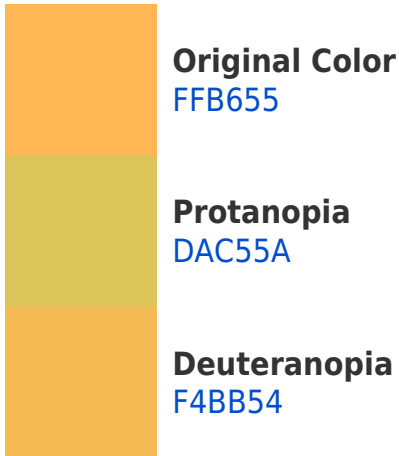


This preview shows how white text looks on a background with the Hex color FFB655.

# Color Blindness Simulation

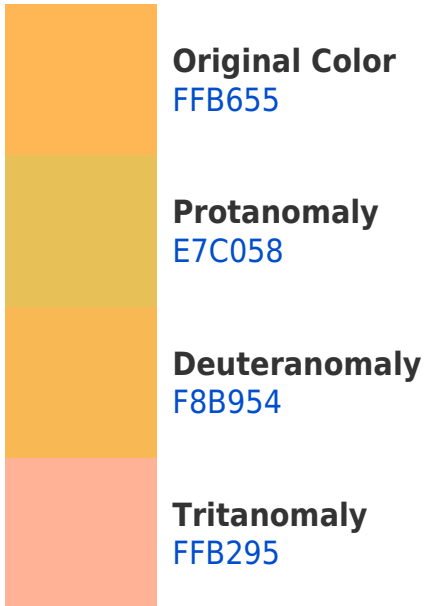
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

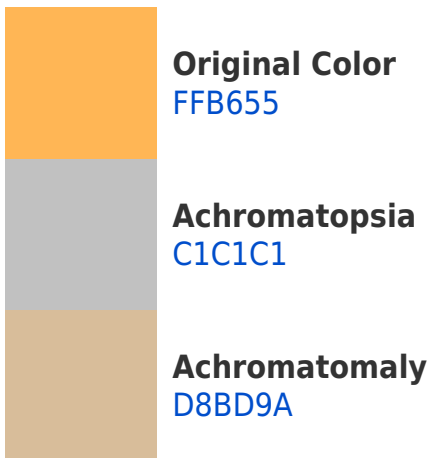




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex FFB655 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 #FFB655 looks like.

```
.text, #text, p{  
    color:#FFB655  
}
```

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 #FFB655 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFB655
}
```

## Border

The CSS property to change the border of an element to Hex FFB655 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
#FFB655 }
```

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

```
.border{ border-color:#FFB655 }
```

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

Here you see how a box with a 4 pixel #FFB655 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFB655; -webkit-box-shadow:4px 4px  
4px 4px #FFB655; box-shadow:4px 4px 4px  
4px #FFB655 }
```

# Background

The CSS property to change the background color of an element to Hex FFB655 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFB655 }
```

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

```
.background{ background-color:#FFB655 }
```

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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