

Converting Colors

Hex(FFB55C)

Have a look what the booklet for
Hex(FFB55C) contains.

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Color

Hex(FFB55C)

Conversions

Conversions Part 1

Format	Color
Hex	FFB55C
RGB	255, 181, 92
RGB Percent	100%, 71%, 36%
CMY	0.0000, 0.2902, 0.6392
CMYK	0.00, 0.29, 0.64, 0.00
HSL	33°, 100%, 68%
HSV	33°, 64%, 100%
XYZ	59.6956, 55.0805, 17.6105
YIQ	192.9800, 72.6730, -11.9910

Conversions

Conversions Part 2

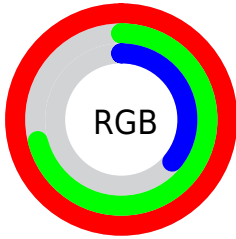
Format	Color
R_{YB}	228, 255, 92
Decimal	16758108
CIE _{Lab}	79.09, 18.33, 54.98
CIE _{LCh}	79, 57.951, 71.559
Yxy	55.0805, 0.4509, 0.4161
Android (android.graphics.Color)	4294948188 (0xFFFFB55C)
YUV	192.9800, -49.7831, 54.3915
Hunter-Lab	74.2162, 13.6977, 37.8826

Details

The Hex color **FFB55C** 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 **5CA6FF**, and the grayscale version is **C1C1C1**.

A 20% lighter version of the original color is **FFED91**, and **C28028** is the 20% darker color. If you saturate the color by 10%, you get **FFA943**, and if you desaturate by 10%, it is **FFC176**.

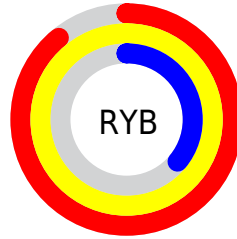
Distribution



Red (100%)

Green (71%)

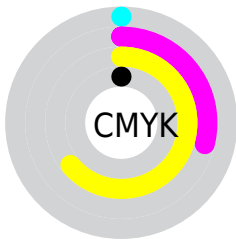
Blue (36%)



Red (89%)

Yellow (100%)

Blue (36%)

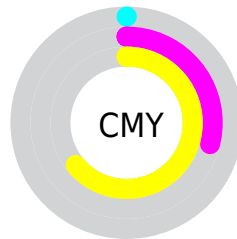


Cyan (0%)

Magenta (29%)

Yellow (64%)

Black (0%)



Cyan (0%)

Magenta (29%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color FFB55C 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 FFB55C by changing the saturation by 10% instead.

 FFB55C

 FFB55C

FFFFFF

 E09A42

 FFED91

 C28028

 FFFFAC

 A46707

 FFFFC8

 874F00

 FFFF E5

 6B3800

 4F2200

 340D00

 1C0001

 000000

 #FFB55C

 #FFB55C

 #FFA943

 #FFC176

 #FF9E29

 #FFCC8F

 #FF9210

 #FFD8A9

 #FF8B00

 #FFE3C2

 #FFEFD C

 #FFFAF5

FFFFFF

Harmonies

Analogous

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



FFA17F



FFB55C



CFC855

Triad

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



FFB55C



00DFD8



E3ADFF

Complementary

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



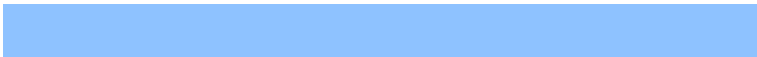
FFB55C



5CA6FF

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.



8EC2FF



FFB55C



00DCFF

Square

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



FFB55C



3CDDA0



00D3FF



FF9BE7

Rectangle

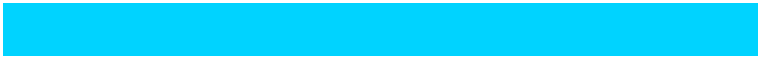
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



FFB55C



A9D164



00D3FF



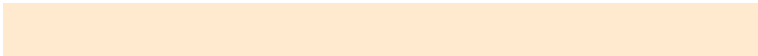
CBB5FF

Sweetspot

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



FFB55C



FFE9CF



FF5CA8



807262



000000



808080

Same Dimension

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



FFB55C



FFA63B



FAFF5C



807A73



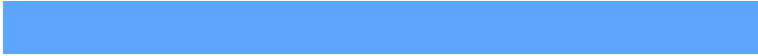
BF6800



402300

Inverse Universe

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



5CA6FF



3B94FF



615CFF



737980



0057BF



001D40

Previews

White Background



This preview shows how the Hex color FFB55C looks on a white background.

Color Contrast Check

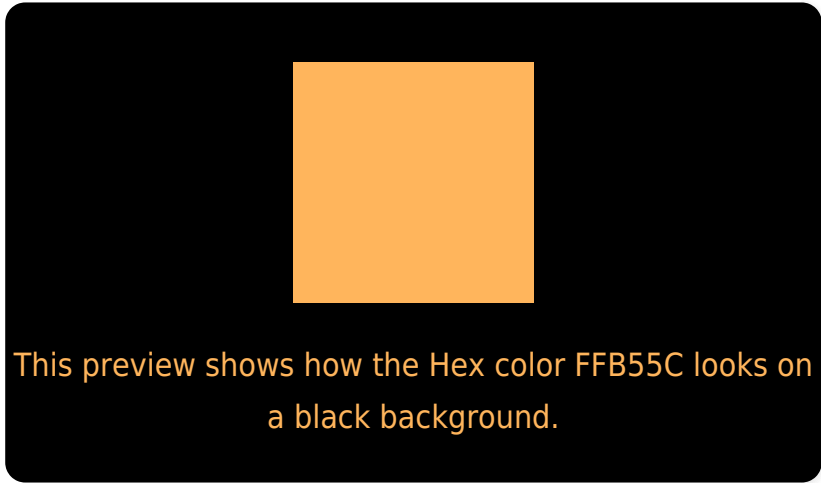
Large Text (above 18pt) WCAG AA × Fail

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 FFB55C Background



This preview shows how black text looks on a background with the Hex color FFB55C.

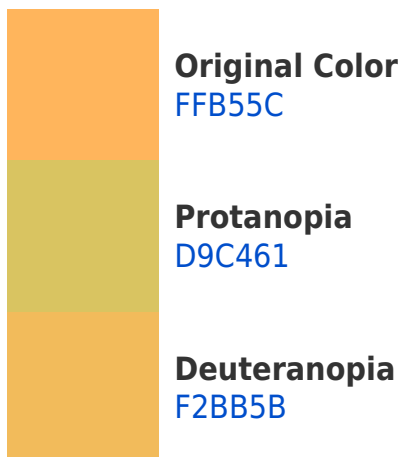


This preview shows how white text looks on a background with the Hex color FFB55C.

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](#).

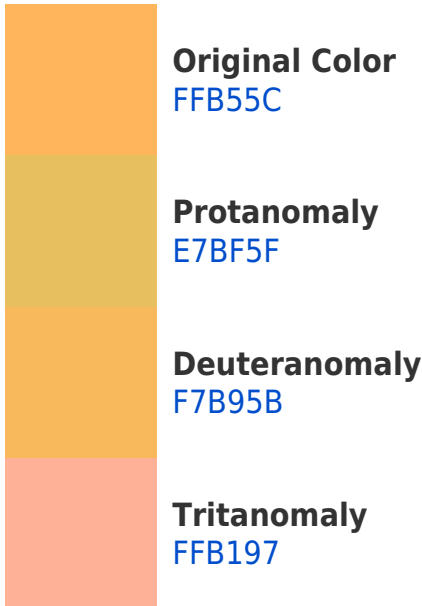
Dichromacy



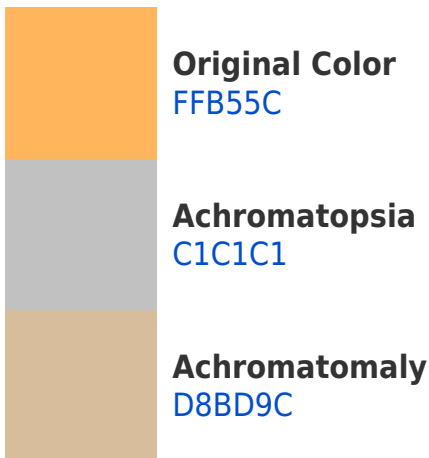


Tritanopia
FFAEB9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex FFB55C 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 #FFB55C looks like.

```
.text, #text, p{  
    color:#FFB55C  
}
```

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 #FFB55C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFB55C
}
```

Border

The CSS property to change the border of an element to Hex FFB55C 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
#FFB55C }
```

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

```
.border{ border-color:#FFB55C }
```

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

Here you see how a box with a 4 pixel #FFB55C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFB55C; -webkit-box-shadow:4px 4px  
4px 4px #FFB55C; box-shadow:4px 4px 4px  
4px #FFB55C }
```

Background

The CSS property to change the background color of an element to Hex FFB55C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFB55C }
```

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

```
.background{ background-color:#FFB55C }
```

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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