

Converting Colors

Hex(FFB963)

Have a look what the booklet for
Hex(FFB963) contains.

Hex(FFB963)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(FFB963)

Conversions

Conversions Part 1	
Format	Color
Hex	FFB963
RGB	255, 185, 99
RGB Percent	100%, 73%, 39%
CMY	0.0000, 0.2745, 0.6118
CMYK	0.00, 0.27, 0.61, 0.00
HSL	33°, 100%, 69%
HSV	33°, 61%, 100%
XYZ	60.8411, 56.8588, 19.5725
YIQ	196.1260, 69.3260, -11.9060

Conversions

Conversions Part 2

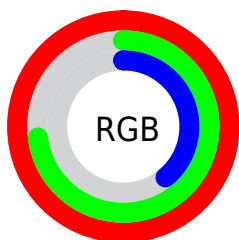
Format	Color
RYB	226, 255, 99
Decimal	16759139
CIELab	80.10, 16.69, 52.82
CIELCh	80, 55.390, 72.465
Yxy	56.8588, 0.4432, 0.4142
Android (android.graphics.Color)	4294949219 (0xFFFFB963)
YUV	196.1260, -47.8831, 51.6325
Hunter-Lab	75.4048, 12.0662, 37.3936

Details

The Hex color **FFB963** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **63A9FF**, and the grayscale version is **C5C5C5**.

A 20% lighter version of the original color is **FFF198**, and **C28430** is the 20% darker color. If you saturate the color by 10%, you get **FFAE49**, and if you desaturate by 10%, it is **FFC47C**.

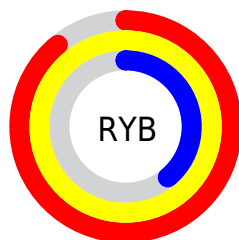
Distribution



Red (100%)

Green (73%)

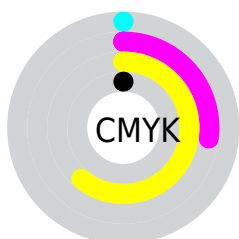
Blue (39%)



Red (89%)

Yellow (100%)

Blue (39%)

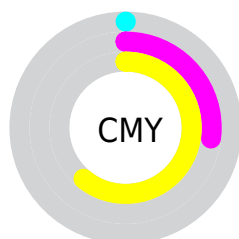


Cyan (0%)

Magenta (27%)

Yellow (61%)

Black (0%)



Cyan (0%)

Magenta (27%)

Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color FFB963 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 FFB963 by changing the saturation by 10% instead.

 FFB963

FFFFFF

 FFF198

 FFFFB4

 FFFFD0

 FFFFEC

 FFB963

 E19E49

 C28430

 A56B14

 885200

 6C3B00

 502500

 351100

 1F0001

 000000

 **FFB963**

 **FFB963**

 **FFAE49**

 **FFC47C**

 **FFA230**

 **FFD096**

 **FF9716**

 **FFDBB0**

 **FF8D00**

 **FFE7C9**

 **FFF2E3**

 **FFFEFC**

 **FFFFFF**

Harmonies

Analogous

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



FFA783



FFB963



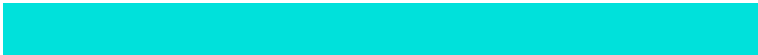
D1CB5E

Triad

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



FFB963



00E1DB



E7B1FF

Complementary

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



FFB963



63A9FF

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.



98C5FF



FFB963



00DEFF

Square

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



FFB963



48DFA6



00D5FF



FFA0E7

Rectangle

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



FFB963



ACD46C



00D5FF



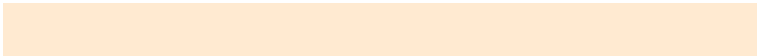
D0B7FF

Sweetspot

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



FFB963



FFEAD1



FF63A9



807363



000000



808080

Same Dimension

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



FFB963



FFAB45



F7FF63



807A73



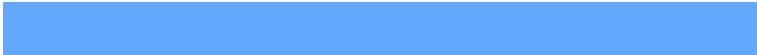
BF6900



402300

Inverse Universe

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



63A9FF



4598FF



6B63FF



737880



0056BF



001D40

Previews

White Background



This preview shows how the Hex color FFB963 looks on a white background.

Color Contrast Check

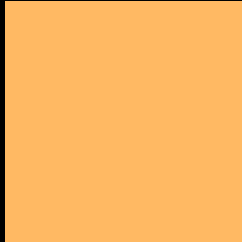
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color FFB963 looks on a 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 FFB963 Background



This preview shows how black text looks on a background with the Hex color FFB963.



This preview shows how white text looks on a background with the Hex color FFB963.

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
FFB963


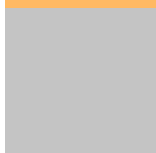
Protanopia
DBC768

Deuteranopia
F5BD62

Trichromacy

	Original Color FFB963
	Protanomaly E8C266
	Deuteranomaly F9BC62
	Tritanomaly FFB59C

Monochromacy

	Original Color FFB963
	Achromatopsia C4C4C4
	Achromatomaly D9C0A1

CSS Examples

Text

The CSS property to change the color of the text to Hex FFB963 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 #FFB963 looks like.

```
.text, #text, p{  
    color:#FFB963  
}
```

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 #FFB963 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFB963
}
```

Border

The CSS property to change the border of an element to Hex FFB963 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
#FFB963 }
```

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

```
.border{ border-color:#FFB963 }
```

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

Here you see how a box with a 4 pixel #FFB963 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFB963; -webkit-box-shadow:4px 4px  
4px 4px #FFB963; box-shadow:4px 4px 4px  
4px #FFB963 }
```

Background

The CSS property to change the background color of an element to Hex FFB963 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFB963 }
```

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

```
.background{ background-color:#FFB963 }
```

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