

Converting Colors

Hex(FFB93E)

Have a look what the booklet for
Hex(FFB93E) contains.

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Color

Hex(FFB93E)

Conversions

Conversions Part 1	
Format	Color
Hex	FFB93E
RGB	255, 185, 62
RGB Percent	100%, 73%, 24%
CMY	0.0000, 0.2745, 0.7569
CMYK	0.00, 0.27, 0.76, 0.00
HSL	38°, 100%, 62%
HSV	38°, 76%, 100%
XYZ	59.4585, 56.3057, 12.2917
YIQ	191.9080, 81.2030, -23.4130

Conversions

Conversions Part 2

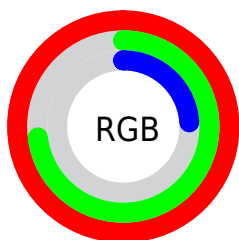
Format	Color
RYB	172, 255, 62
Decimal	16759102
CIELab	79.79, 14.75, 68.49
CIELCh	80, 70.060, 77.849
Yxy	56.3057, 0.4643, 0.4397
Android (android.graphics.Color)	4294949182 (0xFFFFB93E)
YUV	191.9080, -64.0446, 55.3317
Hunter-Lab	75.0371, 10.1261, 42.8138

Details

The Hex color **FFB93E** is a light color, and the websafe version is hex **FFCC33**. The color can be described as light washed orange. A complement of this color would be **3E84FF**, and the grayscale version is **C0C0C0**.

A 20% lighter version of the original color is **FFF175**, and **C18400** is the 20% darker color. If you saturate the color by 10%, you get **FFB024**, and if you desaturate by 10%, it is **FFC258**.

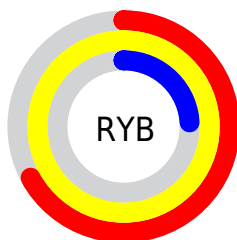
Distribution



Red (100%)

Green (73%)

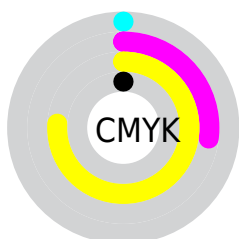
Blue (24%)



Red (67%)

Yellow (100%)

Blue (24%)

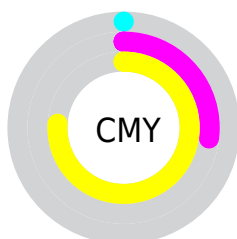


Cyan (0%)

Magenta (27%)

Yellow (76%)

Black (0%)



Cyan (0%)

Magenta (27%)

Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color FFB93E 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 FFB93E by changing the saturation by 10% instead.

 FFB93E

FFFFFF

 FFF175

 FFFF91

 FFFFAD

 FFFPCA

 FFFFE7

 FFB93E

 E09E1F

 C18400

 A36B00

 865300

 693C00

 4D2600

 321200

 1B0001

 000000

 FFB93E

 FFB93E

 FFB024

 FFC258

 FFA70B

 FFCB71

 FFA300

 FFD58B

 FFDEA4

 FFE7BE

 FFF0D7

 FFFAF1

FFFFFF

Harmonies

Analogous

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



FF9F67



FFB93E



C3CE3E

Triad

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



FFB93E



00E5EC



FBA4FF

Complementary

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



FFB93E



3E84FF

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.



97BFFF



FFB93E



00E1FF

Square

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



FFB93E



00E4A8



00D5FF



FF8DE3

Rectangle

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



FFB93E



93D958



00D5FF



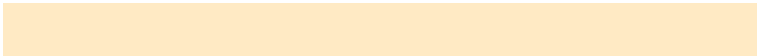
DFADFF

Sweetspot

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



FFB93E



FFEAC4



FF3E85



80735C



000000



808080

Same Dimension

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



FFB93E



FFAB17



E5FF3E



807B73



BF7A00



402900

Inverse Universe

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



3E84FF



176BFF



583EFF



737780



0045BF



001740

Previews

White Background



This preview shows how the Hex color FFB93E 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 FFB93E 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 FFB93E Background



This preview shows how black text looks on a background with the Hex color FFB93E.



This preview shows how white text looks on a background with the Hex color FFB93E.

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
FFB93E





Protanopia
DEC642

Deuteranopia
F8BC3D

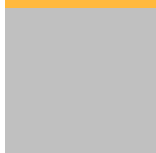


Tritanopia
FFB1BC

Trichromacy

	Original Color FFB93E
	Protanomaly EAC141
	Deuteranomaly FBBB3D
	Tritanomaly FFB48E

Monochromacy

	Original Color FFB93E
	Achromatopsia C0C0C0
	Achromatomaly D7BD91

CSS Examples

Text

The CSS property to change the color of the text to Hex FFB93E 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 #FFB93E looks like.

```
.text, #text, p{  
    color:#FFB93E  
}
```

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 #FFB93E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFB93E
}
```

Border

The CSS property to change the border of an element to Hex FFB93E 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
#FFB93E }
```

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

```
.border{ border-color:#FFB93E }
```

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

Here you see how a box with a 4 pixel #FFB93E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFB93E; -webkit-box-shadow:4px 4px  
4px 4px #FFB93E; box-shadow:4px 4px 4px  
4px #FFB93E }
```

Background

The CSS property to change the background color of an element to Hex FFB93E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFB93E }
```

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

```
.background{ background-color:#FFB93E }
```

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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