

Converting Colors

Hex(FFB935)

Have a look what the booklet for
Hex(FFB935) contains.

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Color

Hex(FFB935)

Conversions

Conversions Part 1

Format	Color
Hex	FFB935
RGB	255, 185, 53
RGB Percent	100%, 73%, 21%
CMY	0.0000, 0.2745, 0.7922
CMYK	0.00, 0.27, 0.79, 0.00
HSL	39°, 100%, 60%
HSV	39°, 79%, 100%
XYZ	59.2316, 56.2150, 11.0969
YIQ	190.8820, 84.0920, -26.2120

Conversions

Conversions Part 2

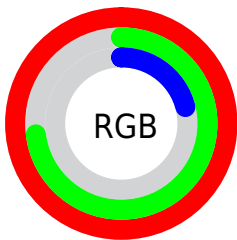
Format	Color
R_{YB}	160, 255, 53
Decimal	16759093
CIE _{Lab}	79.74, 14.42, 71.64
CIE _{LCh}	80, 73.079, 78.617
Yxy	56.2150, 0.4681, 0.4442
Android (android.graphics.Color)	4294949173 (0xFFFFB935)
YUV	190.8820, -67.9758, 56.2315
Hunter-Lab	74.9766, 9.8059, 43.7085

Details

The Hex color **FFB935** 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 **357BFF**, and the grayscale version is **BFBFBF**.

A 20% lighter version of the original color is **FFF16E**, and **C18400** is the 20% darker color. If you saturate the color by 10%, you get **FFB01B**, and if you desaturate by 10%, it is **FFC24F**.

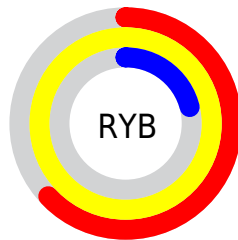
Distribution



Red (100%)

Green (73%)

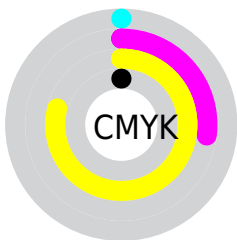
Blue (21%)



Red (63%)

Yellow (100%)

Blue (21%)

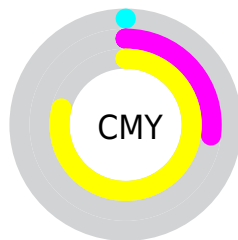


Cyan (0%)

Magenta (27%)

Yellow (79%)

Black (0%)



Cyan (0%)

Magenta (27%)

Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color FFB935 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 FFB935 by changing the saturation by 10% instead.

 FFB935

 FFB935

FFFFFF

 E09E10

 FFF16E

 C18400

 FFFF8A

 A36B00

 FFFFA6

 855300

 FFFFC2

 683C00

 FFFFDF

 4C2600

FFFFFFD

 321200

 1A0001

 000000

 FFB935

 FFB935

 FFB01B

 FFC24F

 FFA702

 FFCE68

 FFA700

 FFD482

 FFDC9B

 FFE5B4

 FFEECE

 FFF7E8

FFFFFF

Harmonies

Analogous

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



FF9E61



FFB935



C1CF36

Triad

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



FFB935



00E6EF



FEA1FF

Complementary

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



FFB935



357BFF

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.



96BEFF



FFB935



00E2FF

Square

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



FFB935



00E5A8



00D5FF



FF89E3

Rectangle

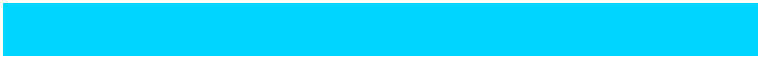
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



FFB935



8ED953



00D5FF



E2ABFF

Sweetspot

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



FFB935



FFEAC2



FF357C



80735B



000000



808080

Same Dimension

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



FFB935



FFAB0D



E1FF35



807B73



BF7D00



402A00

Inverse Universe

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



357BFF



0D61FF



5335FF



737780



0042BF



001640

Previews

White Background



This preview shows how the Hex color FFB935 looks on a white background.

Color Contrast Check

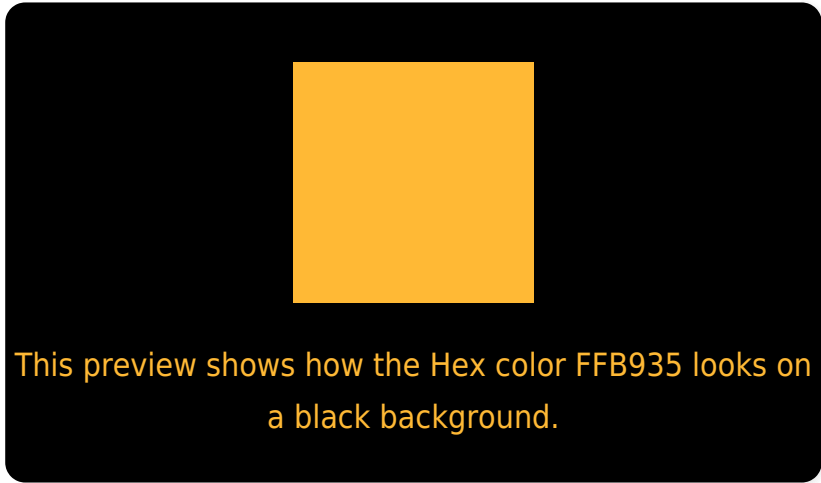
Large Text (above 18pt) WCAG AA × Fail

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 FFB935 Background



This preview shows how black text looks on a background with the Hex color FFB935.



This preview shows how white text looks on a background with the Hex color FFB935.

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](#).

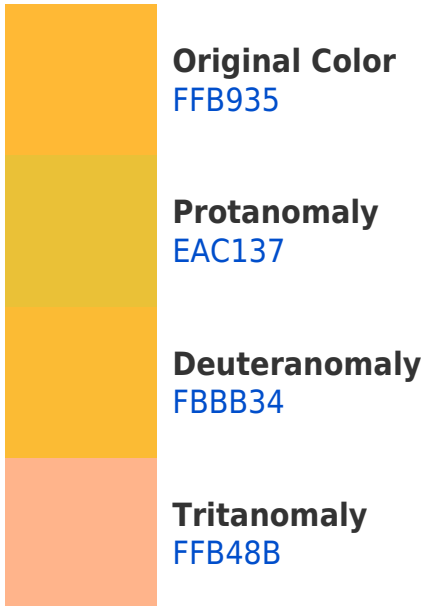
Dichromacy



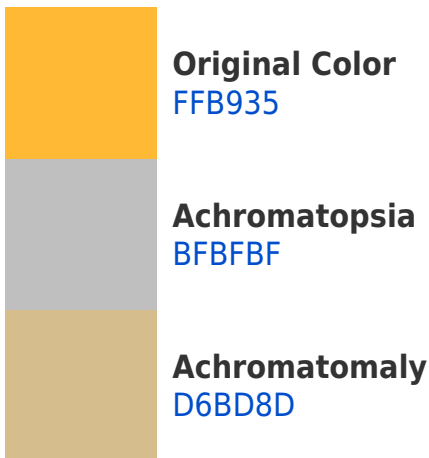


Tritanopia
FFB1BC

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex FFB935 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 #FFB935 looks like.

```
.text, #text, p{  
    color:#FFB935  
}
```

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 #FFB935 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFB935
}
```

Border

The CSS property to change the border of an element to Hex FFB935 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
#FFB935 }
```

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

```
.border{ border-color:#FFB935 }
```

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

Here you see how a box with a 4 pixel #FFB935 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFB935; -webkit-box-shadow:4px 4px  
4px 4px #FFB935; box-shadow:4px 4px 4px  
4px #FFB935 }
```

Background

The CSS property to change the background color of an element to Hex FFB935 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFB935 }
```

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

```
.background{ background-color:#FFB935 }
```

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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