

Converting Colors

Hex(FFB915)

Have a look what the booklet for
Hex(FFB915) contains.

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Color

Hex(FFB915)

Conversions

Conversions Part 1

Format	Color
Hex	FFB915
RGB	255, 185, 21
RGB Percent	100%, 73%, 8%
CMY	0.0000, 0.2745, 0.9176
CMYK	0.00, 0.27, 0.92, 0.00
HSL	42°, 100%, 54%
HSV	42°, 92%, 100%
XYZ	58.7243, 56.0121, 8.4258
YIQ	187.2340, 94.3640, -36.1640

Conversions

Conversions Part 2

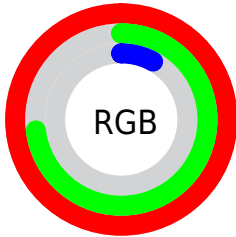
Format	Color
RYB	121, 255, 21
Decimal	16759061
CIELab	79.62, 13.70, 79.64
CIELCh	80, 80.805, 80.240
Yxy	56.0121, 0.4768, 0.4548
Android (android.graphics.Color)	4294949141 (0xFFFFB915)
YUV	187.2340, -81.9534, 59.4308
Hunter-Lab	74.8412, 9.0883, 45.7139

Details

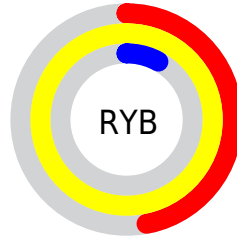
The Hex color **FFB915** is a light color, and the websafe version is hex **FFCC33**. The color can be described as light washed orange. A complement of this color would be **155BFF**, and the grayscale version is **BCBCBC**.

A 20% lighter version of the original color is **FFF15A**, and **C18400** is the 20% darker color. If you saturate the color by 10%, you get **FFB300**, and if you desaturate by 10%, it is **FFC12F**.

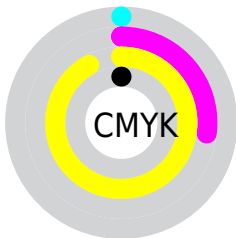
Distribution



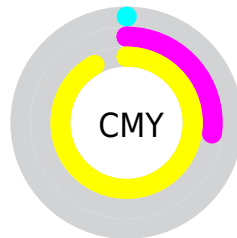
- Red (100%)
- Green (73%)
- Blue (8%)



- Red (47%)
- Yellow (100%)
- Blue (8%)



- Cyan (0%)
- Magenta (27%)
- Yellow (92%)
- Black (0%)



- Cyan (0%)
- Magenta (27%)
- Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the Hex color FFB915 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 FFB915 by changing the saturation by 10% instead.

 FFB915

 FFB915

FFFFFF

 E09E00

 FFF15A

 C18400

 FFFF77

 A26B00

 FFFF93

 845300


 FFFFB0

 673C00

 FFFFCD

 4B2700

 FFFFEA

 311200

 190001

 000000

 FFB915

 FFB915

 FFB300

 FFC12F

 FFC848

 FFD062

 FFD87B

 FFDF94

 FFE7AE

 FFEEC8

 FFF6E1

 FFFEFB

Harmonies

Analogous

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



FF9A52



FFB915



BAD11C

Triad

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



FFB915



00E8F7



FF9AFF

Complementary

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



FFB915



155BFF

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.



93BCFF



FFB915



00E3FF

Square

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



FFB915



00E7A9



00D5FF



FF7DE1

Rectangle

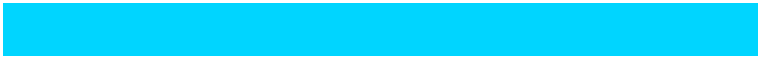
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



FFB915



7FDC47



00D5FF



E9A5FF

Sweetspot

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



FFB915



FFEAB8



FF155B



807354



000000



808080

Same Dimension

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



FFB915



FFB300



D0FF15



807C73



BF8600



402D00

Inverse Universe

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



155BFF



004CFF



4415FF



737780



0039BF



001340

Previews

White Background



This preview shows how the Hex color FFB915 looks on a white background.

Color Contrast Check

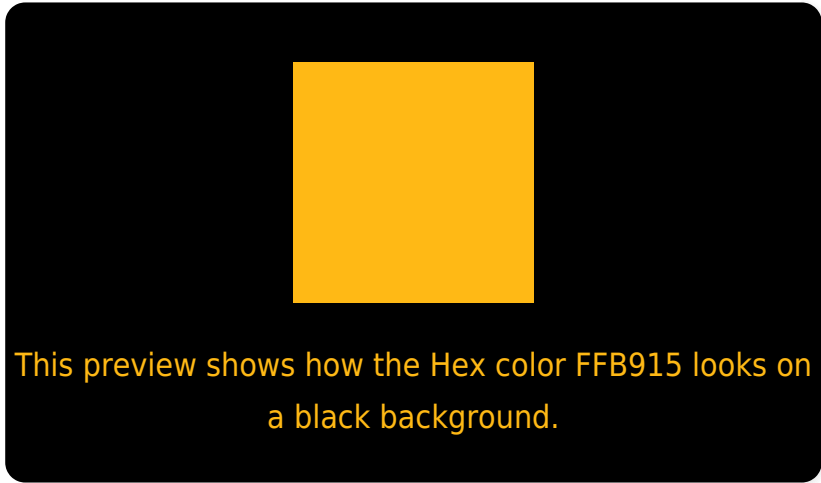
Large Text (above 18pt) WCAG AA × Fail

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 FFB915 Background



This preview shows how black text looks on a background with the Hex color FFB915.



This preview shows how white text looks on a background with the Hex color FFB915.

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
FFB915

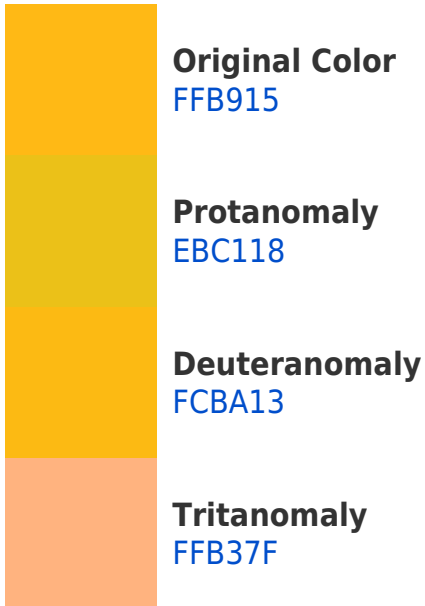
Protanopia
DFC61A

Deuteranopia
FABB12

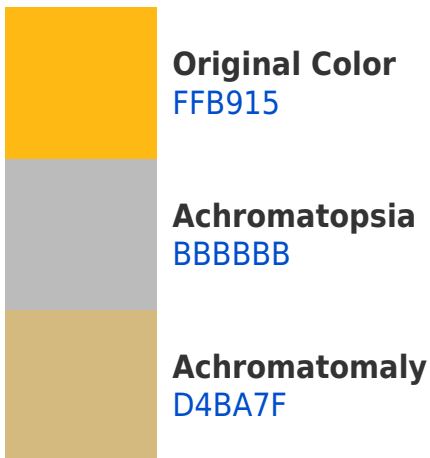


Tritanopia
FFB0BB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex FFB915 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 #FFB915 looks like.

```
.text, #text, p{  
    color:#FFB915  
}
```

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 #FFB915 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFB915
}
```

Border

The CSS property to change the border of an element to Hex FFB915 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
#FFB915 }
```

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

```
.border{ border-color:#FFB915 }
```

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

Here you see how a box with a 4 pixel #FFB915 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFB915; -webkit-box-shadow:4px 4px  
4px 4px #FFB915; box-shadow:4px 4px 4px  
4px #FFB915 }
```

Background

The CSS property to change the background color of an element to Hex FFB915 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFB915 }
```

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

```
.background{ background-color:#FFB915 }
```

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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