

Converting Colors

Hex(FFB019)

Have a look what the booklet for
Hex(FFB019) contains.

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Color

Hex(FFB019)

Conversions

Conversions Part 1

Format	Color
Hex	FFB019
RGB	255, 176, 25
RGB Percent	100%, 69%, 10%
CMY	0.0000, 0.3098, 0.9020
CMYK	0.00, 0.31, 0.90, 0.00
HSL	39°, 100%, 55%
HSV	39°, 90%, 100%
XYZ	56.9408, 52.3809, 8.0291
YIQ	182.4070, 95.5550, -30.2130

Conversions

Conversions Part 2

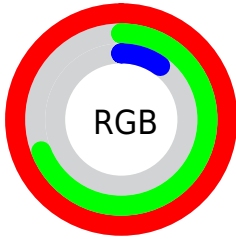
Format	Color
RYB	145, 255, 25
Decimal	16756761
CIELab	77.51, 18.45, 77.35
CIELCh	78, 79.522, 76.585
Yxy	52.3809, 0.4852, 0.4464
Android (android.graphics.Color)	4294946841 (0xFFFFB019)
YUV	182.4070, -77.6017, 63.6641
Hunter-Lab	72.3746, 13.7795, 44.0847

Details

The Hex color **FFB019** is a light color, and the websafe version is hex **FF9900**. The color can be described as light washed orange. A complement of this color would be **1968FF**, and the grayscale version is **B7B7B7**.

A 20% lighter version of the original color is **FFE75A**, and **C07C00** is the 20% darker color. If you saturate the color by 10%, you get **FFA700**, and if you desaturate by 10%, it is **FFB932**.

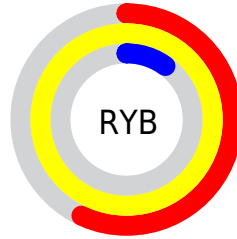
Distribution



Red (100%)

Green (69%)

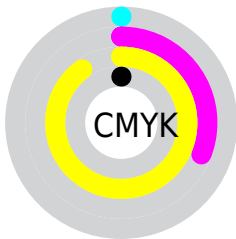
Blue (10%)



Red (57%)

Yellow (100%)

Blue (10%)

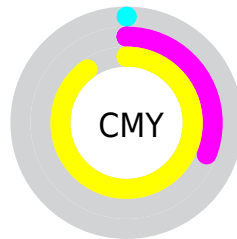


Cyan (0%)

Magenta (31%)

Yellow (90%)

Black (0%)



Cyan (0%)

Magenta (31%)

Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the Hex color FFB019 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 FFB019 by changing the saturation by 10% instead.

 FFB019

 FFB019

FFFFFF

 DF9500

 FFE75A

 C07C00

 FFFF77

 A26300

 FFFF93

 844B00

 FFFFAF

 663400

 FFFFCC

 4B1F00

 FFFFEA

 300A00

 120000

 000000

■ FFB019

■ FFB019

■ FFA700

■ FFB932

■ FFC24C

■ FFCA65

■ FFD37F

■ FFDC98

■ FFE5B2

■ FFEDCB

■ FFF6E5

FFFFFFE

Harmonies

Analogous

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



FF9156



FFB019



BDC80F

Triad

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



FFB019



00E2E7



F699FF

Complementary

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



FFB019



1968FF

Split Complementary

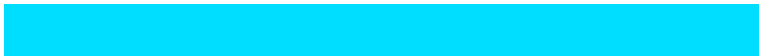
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



78BAFF



FFB019



00DEFF

Square

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



FFB019



00E09B



00D1FF



FF7BE4

Rectangle

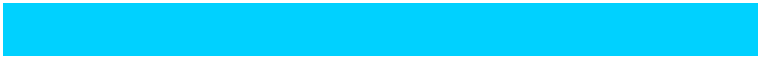
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



FFB019



87D43C



00D1FF



D6A4FF

Sweetspot

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



FFB019



FFE7BA



FF1969



807157



000000



808080

Same Dimension

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



FFB019



FFA700



DCFF19



807B73



BF7E00



402A00

Inverse Universe

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



1968FF



0058FF



3C19FF



737780



0042BF



001640

Previews

White Background



This preview shows how the Hex color FFB019 looks on a white background.

Color Contrast Check

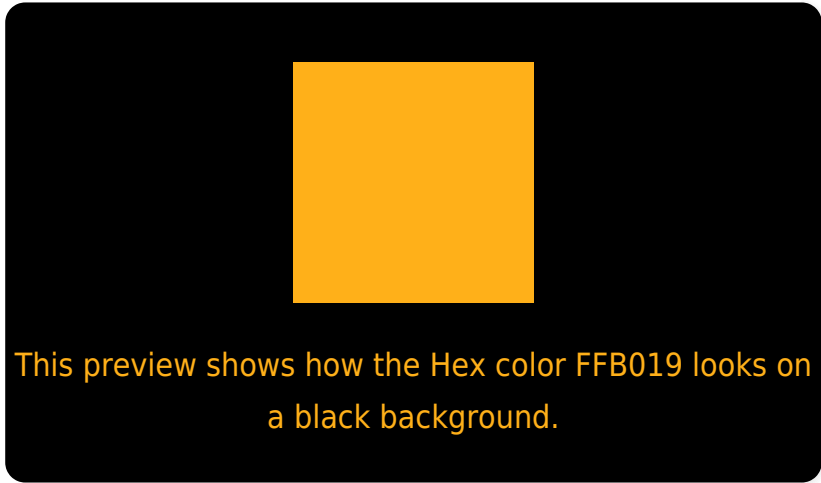
Large Text (above 18pt) WCAG AA × Fail

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 FFB019 Background



This preview shows how black text looks on a background with the Hex color FFB019.



This preview shows how white text looks on a background with the Hex color FFB019.

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
FFB019

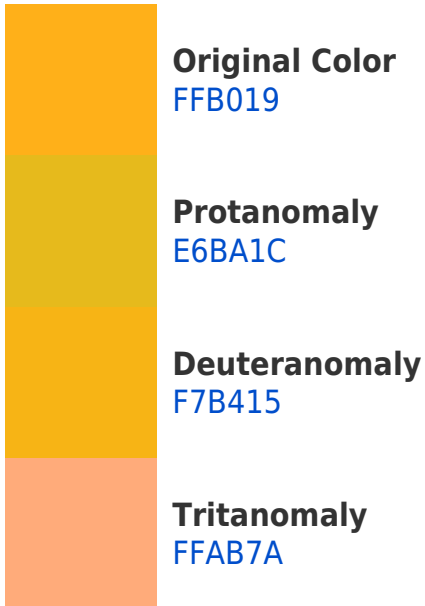
Protanopia
D8C01E

Deuteranopia
F2B612

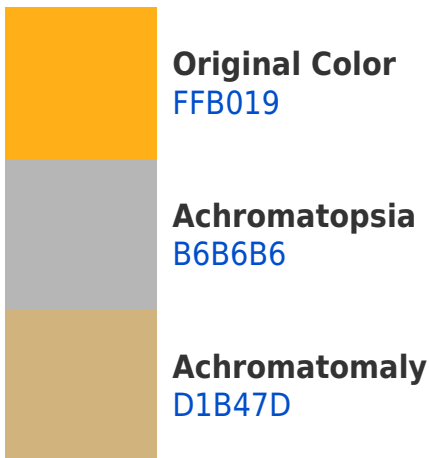


Tritanopia
FFA8B2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex FFB019 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 #FFB019 looks like.

```
.text, #text, p{  
    color:#FFB019  
}
```

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 #FFB019 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFB019
}
```

Border

The CSS property to change the border of an element to Hex FFB019 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
#FFB019 }
```

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

```
.border{ border-color:#FFB019 }
```

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

Here you see how a box with a 4 pixel #FFB019 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFB019; -webkit-box-shadow:4px 4px  
4px 4px #FFB019; box-shadow:4px 4px 4px  
4px #FFB019 }
```

Background

The CSS property to change the background color of an element to Hex FFB019 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFB019 }
```

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

```
.background{ background-color:#FFB019 }
```

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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