

Converting Colors

Hex(FFBA19)

Have a look what the booklet for
Hex(FFBA19) contains.

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Color

Hex(FFBA19)

Conversions

Conversions Part 1

Format	Color
Hex	FFBA19
RGB	255, 186, 25
RGB Percent	100%, 73%, 10%
CMY	0.0000, 0.2706, 0.9020
CMYK	0.00, 0.27, 0.90, 0.00
HSL	42°, 100%, 55%
HSV	42°, 90%, 100%
XYZ	58.9744, 56.4480, 8.7070
YIQ	188.2770, 92.8050, -35.4430

Conversions

Conversions Part 2

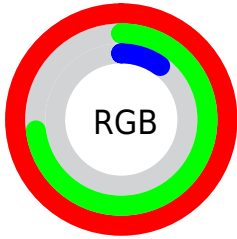
Format	Color
RYB	124, 255, 25
Decimal	16759321
CIELab	79.87, 13.24, 79.12
CIELCh	80, 80.224, 80.504
Yxy	56.4480, 0.4751, 0.4548
Android (android.graphics.Color)	4294949401 (0xFFFFBA19)
YUV	188.2770, -80.4956, 58.5161
Hunter-Lab	75.1319, 8.6318, 45.7213

Details

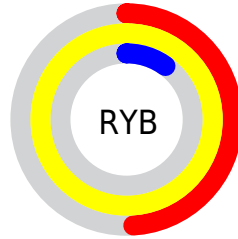
The Hex color **FFBA19** is a light color, and the websafe version is hex **FFCC33**. The color can be described as light washed orange. A complement of this color would be **195EFF**, and the grayscale version is **BDBDBD**.

A 20% lighter version of the original color is **FFF25C**, and **C18500** is the 20% darker color. If you saturate the color by 10%, you get **FFB300**, and if you desaturate by 10%, it is **FFC232**.

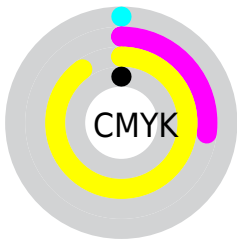
Distribution



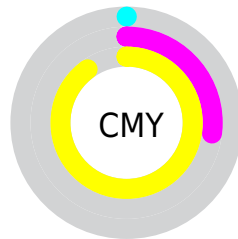
- Red (100%)
- Green (73%)
- Blue (10%)



- Red (49%)
- Yellow (100%)
- Blue (10%)



- Cyan (0%)
- Magenta (27%)
- Yellow (90%)
- Black (0%)



- Cyan (0%)
- Magenta (27%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the Hex color FFBA19 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 FFBA19 by changing the saturation by 10% instead.

 FFBA19

 FFBA19

FFFFFF

 E09F00

 FFF25C

 C18500

 FFFF78

 A26C00

 FFFF95

 845400


 FFFFB2

 673D00

 FFFFCF

 4B2700

 FFFFEC

 311300

 190001

 000000

 FFBA19

 FFBA19

 FFB300

 FFC232

 FFC94C

 FFD165

 FFD97F

 FFE098

 FFE8B2

 FFF0CB

 FFF7E5

FFFFFFE

Harmonies

Analogous

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



FF9B53



FFBA19



BAD220

Triad

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



FFBA19



00E9F8



FF9BFF

Complementary

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



FFBA19



195EFF

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.



96BCFF



FFBA19



00E4FF

Square

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



FFBA19



00E8AB



00D6FF



FF7FE1

Rectangle

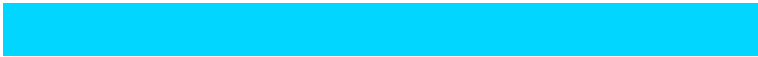
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



FFBA19



80DC4A



00D6FF



EBA6FF

Sweetspot

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



FFBA19



FFEABA



FF195E



807357



000000



808080

Same Dimension

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



FFBA19



FFB300



D1FF19



807C73



BF8600



402D00

Inverse Universe

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



195EFF



004CFF



4719FF



737780



0039BF



001340

Previews

White Background



This preview shows how the Hex color FFBA19 looks on a white background.

Color Contrast Check

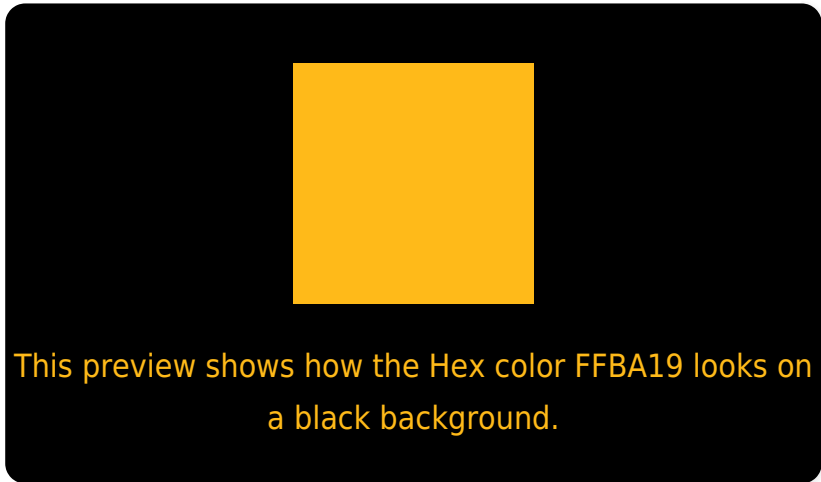
Large Text (above 18pt) WCAG AA × Fail

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 FFBA19 Background



This preview shows how black text looks on a background with the Hex color FFBA19.



This preview shows how white text looks on a background with the Hex color FFBA19.

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
FFBA19

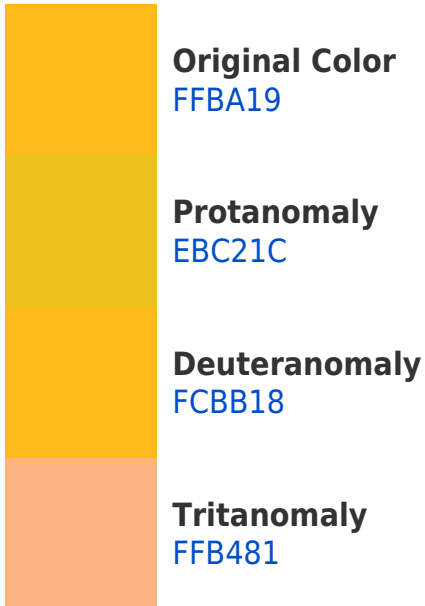
Protanopia
DFC71D

Deuteranopia
FBBC17

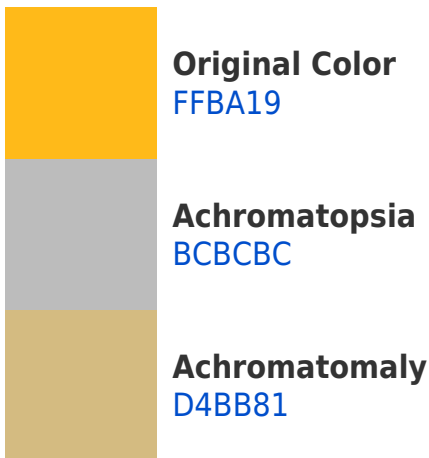


Tritanopia
FFB1BC

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex FFBA19 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 #FFBA19 looks like.

```
.text, #text, p{  
    color:#FFBA19  
}
```

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 #FFBA19 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFBA19
}
```

Border

The CSS property to change the border of an element to Hex FFBA19 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
#FFBA19 }
```

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

```
.border{ border-color:#FFBA19 }
```

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

Here you see how a box with a 4 pixel #FFBA19 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFBA19; -webkit-box-shadow:4px 4px  
4px 4px #FFBA19; box-shadow:4px 4px 4px  
4px #FFBA19 }
```

Background

The CSS property to change the background color of an element to Hex FFBA19 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFBA19 }
```

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

```
.background{ background-color:#FFBA19 }
```

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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