

Converting Colors

Hex(FFBC2B)

Have a look what the booklet for
Hex(FFBC2B) contains.

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Color

Hex(FFBC2B)

Conversions

Conversions Part 1

Format	Color
Hex	FFBC2B
RGB	255, 188, 43
RGB Percent	100%, 74%, 17%
CMY	0.0000, 0.2627, 0.8314
CMYK	0.00, 0.26, 0.83, 0.00
HSL	41°, 100%, 58%
HSV	41°, 83%, 100%
XYZ	59.6593, 57.4009, 10.2206
YIQ	191.5030, 86.4770, -30.8910

Conversions

Conversions Part 2

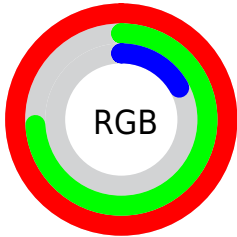
Format	Color
RYB	141, 255, 43
Decimal	16759851
CIELab	80.40, 12.57, 75.32
CIELCh	80, 76.362, 80.527
Yxy	57.4009, 0.4687, 0.4510
Android (android.graphics.Color)	4294949931 (0xFFFFBC2B)
YUV	191.5030, -73.2120, 55.6869
Hunter-Lab	75.7634, 7.9726, 45.0360

Details

The Hex color **FFBC2B** 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 **2B6EFF**, and the grayscale version is **C0C0C0**.

A 20% lighter version of the original color is **FFF467**, and **C18700** is the 20% darker color. If you saturate the color by 10%, you get **FFB412**, and if you desaturate by 10%, it is **FFC445**.

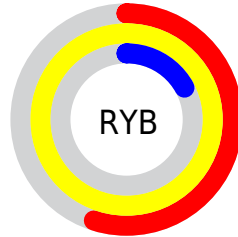
Distribution



Red (100%)

Green (74%)

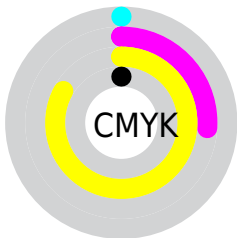
Blue (17%)



Red (55%)

Yellow (100%)

Blue (17%)

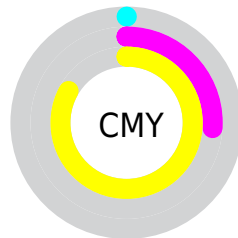


Cyan (0%)

Magenta (26%)

Yellow (83%)

Black (0%)



Cyan (0%)

Magenta (26%)

Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color FFBC2B 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 FFBC2B by changing the saturation by 10% instead.

 FFBC2B

 FFBC2B

FFFFFF

 E0A100

 FFF467

 C18700

 FFFF83

 A36E00

 FFFF9F

 855600

 FFFFBC

 683F00

 FFFFD9

 4C2900

 FFFFF6

 321500

 1A0000

 000000

 FFBC2B

 FFBC2B

 FFB412

 FFC445

 FFAE00

 FFCC5E

 FFD478

 FFDC91

 FFE4AB

 FFECC4

 FFF4DE

 FFFCF7

FFFFFF

Harmonies

Analogous

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



FF9F5A



FFBC2B



BDD330

Triad

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



FFBC2B



00E9F7



FF9FFF

Complementary

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



FFBC2B



2B6EFF

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.



9DBEFF



FFBC2B



00E4FF

Square

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



FFBC2B



00E8AE



00D6FF



FF86E1

Rectangle

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



FFBC2B



86DD53



00D6FF



EBA9FF

Sweetspot

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



FFBC2B



FFEBBF



FF2B6E



807359



000000



808080

Same Dimension

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



FFBC2B



FFAE00



D8FF2B



807B73



BF8300



402C00

Inverse Universe

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



2B6EFF



0051FF



522BFF



737780



003CBF



001440

Previews

White Background



This preview shows how the Hex color FFBC2B looks on a white background.

Color Contrast Check

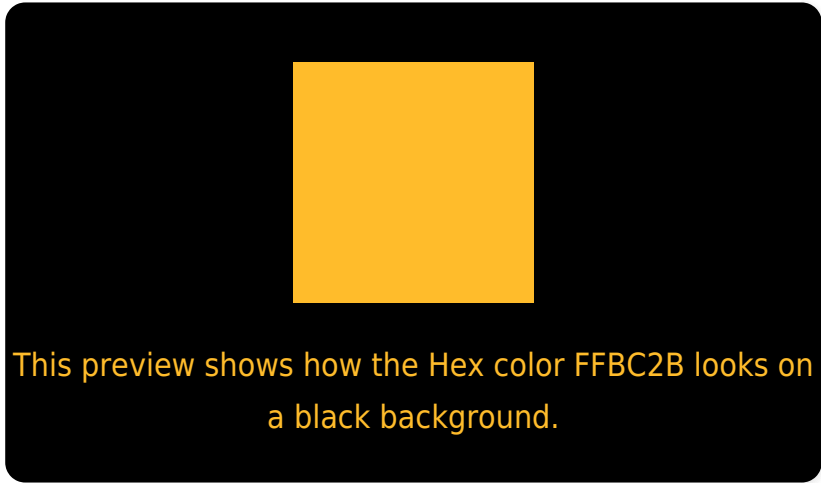
Large Text (above 18pt) WCAG AA × Fail

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 FFBC2B Background



This preview shows how black text looks on a background with the Hex color FFBC2B.



This preview shows how white text looks on a background with the Hex color FFBC2B.

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](#).

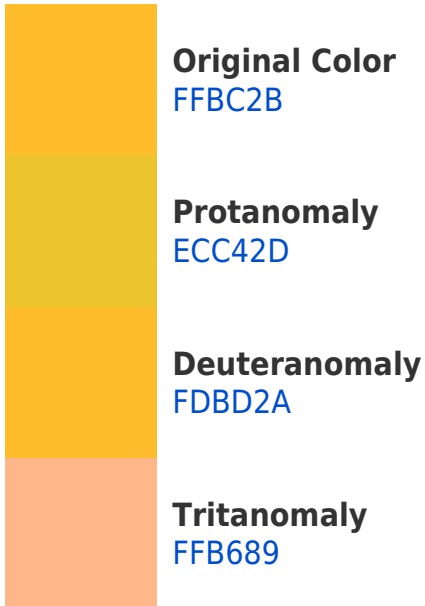
Dichromacy



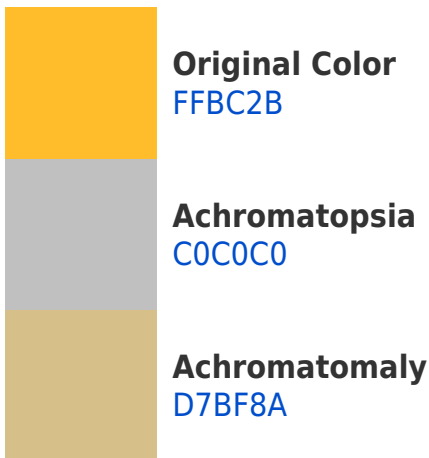


Tritanopia
FFB3BE

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex FFBC2B 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 #FFBC2B looks like.

```
.text, #text, p{  
    color:#FFBC2B  
}
```

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 #FFBC2B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFBC2B
}
```

Border

The CSS property to change the border of an element to Hex FFBC2B 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
#FFBC2B }
```

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

```
.border{ border-color:#FFBC2B }
```

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

Here you see how a box with a 4 pixel #FFBC2B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFBC2B; -webkit-box-shadow:4px 4px  
4px 4px #FFBC2B; box-shadow:4px 4px 4px  
4px #FFBC2B }
```

Background

The CSS property to change the background color of an element to Hex FFBC2B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFBC2B }
```

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

```
.background{ background-color:#FFBC2B }
```

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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