

Converting Colors

Hex(FFBD17)

Have a look what the booklet for
Hex(FFBD17) contains.

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Color

Hex(FFBD17)

Conversions

Conversions Part 1

Format	Color
Hex	FFBD17
RGB	255, 189, 23
RGB Percent	100%, 74%, 9%
CMY	0.0000, 0.2588, 0.9098
CMYK	0.00, 0.26, 0.91, 0.00
HSL	43°, 100%, 55%
HSV	43°, 91%, 100%
XYZ	59.5923, 57.7171, 8.8103
YIQ	189.8100, 92.6220, -37.6340

Conversions

Conversions Part 2

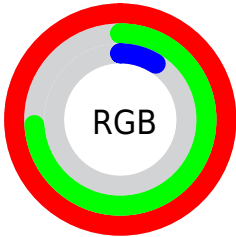
Format	Color
RYB	115, 255, 23
Decimal	16760087
CIELab	80.58, 11.65, 80.01
CIElCh	81, 80.858, 81.719
Yxy	57.7171, 0.4725, 0.4576
Android (android.graphics.Color)	4294950167 (0xFFFFBD17)
YUV	189.8100, -82.2373, 57.1716
Hunter-Lab	75.9717, 7.0649, 46.3045

Details

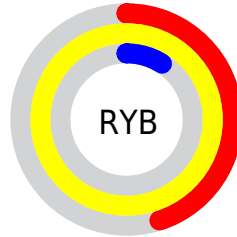
The Hex color **FFBD17** is a light color, and the websafe version is hex **FFCC33**. The color can be described as light washed orange. A complement of this color would be **1759FF**, and the grayscale version is **BFBFBF**.

A 20% lighter version of the original color is **FFF55B**, and **C18800** is the 20% darker color. If you saturate the color by 10%, you get **FFB600**, and if you desaturate by 10%, it is **FFC431**.

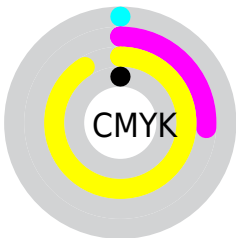
Distribution



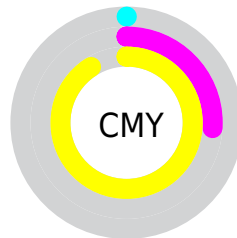
- Red (100%)
- Green (74%)
- Blue (9%)



- Red (45%)
- Yellow (100%)
- Blue (9%)



- Cyan (0%)
- Magenta (26%)
- Yellow (91%)
- Black (0%)



- Cyan (0%)
- Magenta (26%)
- Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color FFBD17 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 FFBD17 by changing the saturation by 10% instead.

 FFBD17

 FFBD17

FFFFFF

 E0A200

 FFF55B

 C18800

 FFFF78

 A26F00

 FFFF95

 855700

 FFFFB1

 674000

 FFFFCF

 4C2A00

 FFFFEC

 311500

 1A0000

 000000

 FFBD17

 FFBD17

 FFB600

 FFC431

 FFCC4A

 FFD363

 FFDA7D

 FFE196

 FFE9B0

 FFF0CA

 FFF7E3

 FFFEFC

Harmonies

Analogous

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



FF9E51



FFBD17



B9D523

Triad

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



FFBD17



00EBFE



FF9BFF

Complementary

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



FFBD17



1759FF

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.



9FBDFE



FFBD17



00E6FF

Square

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



FFBD17



00EAB0



00D7FF



FF7FE0

Rectangle

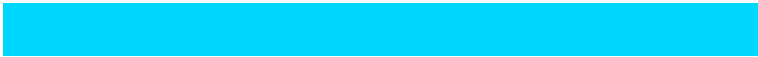
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



FFBD17



7DDF4D



00D7FF



F1A6FF

Sweetspot

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



FFBD17



FFEBBA



FF175D



807457



000000



808080

Same Dimension

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



FFBD17



FFB600



D1FF17



807C73



BF8900



402E00

Inverse Universe

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



1759FF



0049FF



4517FF



737680



0036BF



001240

Previews

White Background



This preview shows how the Hex color FFBD17 looks on a white background.

Color Contrast Check

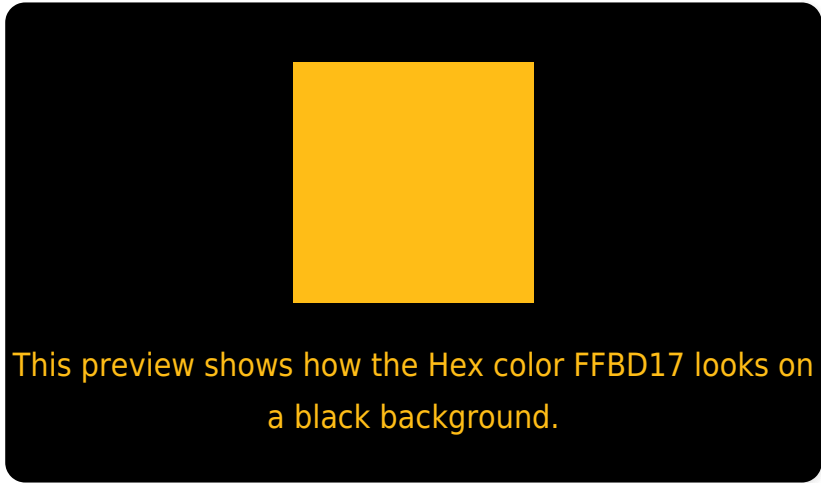
Large Text (above 18pt) WCAG AA × Fail

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 FFBD17 Background



This preview shows how black text looks on a background with the Hex color FFBD17.

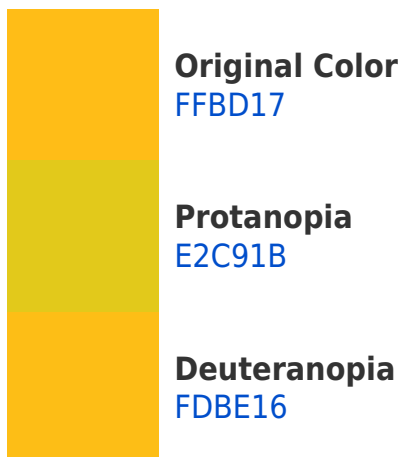


This preview shows how white text looks on a background with the Hex color FFBD17.

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](#).

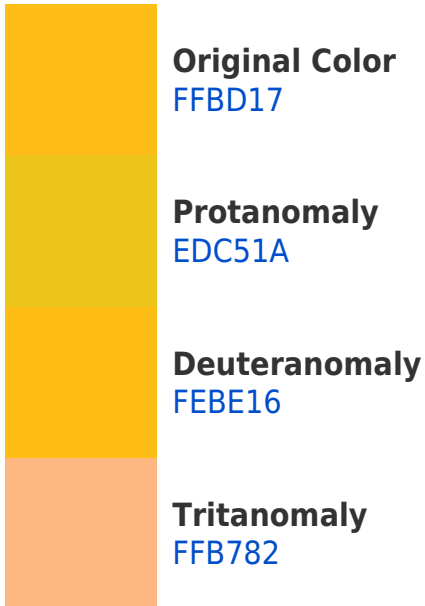
Dichromacy





Tritanopia
FFB4BF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex FFBD17 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 #FFBD17 looks like.

```
.text, #text, p{  
    color:#FFBD17  
}
```

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 #FFBD17 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFBD17  
}
```

Border

The CSS property to change the border of an element to Hex FFBD17 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  
#FFBD17 }
```

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

```
.border{ border-color:#FFBD17 }
```

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

Here you see how a box with a 4 pixel #FFBD17 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFBD17; -webkit-box-shadow:4px 4px  
4px 4px #FFBD17; box-shadow:4px 4px 4px  
4px #FFBD17 }
```

Background

The CSS property to change the background color of an element to Hex FFBD17 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFBD17 }
```

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

```
.background{ background-color:#FFBD17 }
```

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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