

Converting Colors

Hex(FFBF00)

Have a look what the booklet for
Hex(FFBF00) contains.

Hex(FFBF00)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

Hex(FFBF00)

Conversions

Conversions Part 1

Format	Color
Hex	FFBF00
RGB	255, 191, 0
RGB Percent	100%, 75%, 0%
CMY	0.0000, 0.2510, 1.0000
CMYK	0.00, 0.25, 1.00, 0.00
HSL	45°, 100%, 50%
HSV	45°, 100%, 100%
XYZ	59.8708, 58.5216, 8.1403
YIQ	188.3620, 99.4550, -45.8330

Conversions

Conversions Part 2

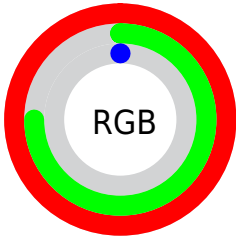
Format	Color
RYB	85, 255, 0
Decimal	16760576
CIELab	81.03, 10.39, 83.04
CIElCh	81, 83.683, 82.870
Yxy	58.5216, 0.4732, 0.4625
Android (android.graphics.Color)	4294950656 (0xFFFFBF00)
YUV	188.3620, -92.8625, 58.4415
Hunter-Lab	76.4994, 5.8256, 47.2406

Details

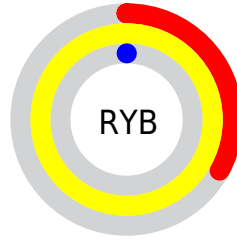
The Hex color **FFBF00** is a dark color, and the websafe version is hex **FFCC00**, and the color name is [amber](#). The color can be described as middle saturated orange. A complement of this color would be **0040FF**, and the grayscale version is **BDBDBD**.

A 20% lighter version of the original color is **FFF754**, and **C18A00** is the 20% darker color. If you saturate the color by 10%, you get **FFBF00**, and if you desaturate by 10%, it is **FFC519**.

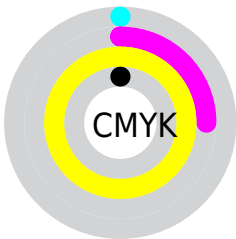
Distribution



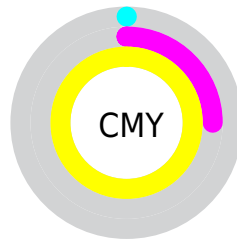
- Red (100%)
- Green (75%)
- Blue (0%)



- Red (33%)
- Yellow (100%)
- Blue (0%)



- Cyan (0%)
- Magenta (25%)
- Yellow (100%)
- Black (0%)



- Cyan (0%)
- Magenta (25%)
- Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color FFBF00 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 FFBF00 by changing the saturation by 10% instead.

 FFBF00

 FFBF00

FFFFFF

 E0A400

 FFF754

 C18A00

 FFFF72

 A27100

 FFFF8F

 845900

 FFFFAC

 674200

 FFFFC9

 4B2C00

 FFFF E6

 311700

 190000

 000000

 FFBF00

 FFC519

 FFCC33

 FFD24D

 FFD966

 FFDF80

 FFE599

 FFECB3

 FFF2CC

 FFF9E6

Harmonies

Analogous

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



FF9F4B



FFBF00



B5D71A

Triad

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



FFBF00



00EDFF



FF98FF

Complementary

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



FFBF00



0040FF

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.



A3BCFF



FFBF00



00E8FF

Square

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



FFBF00



00ECB3



00D8FF



FF7CDF

Rectangle

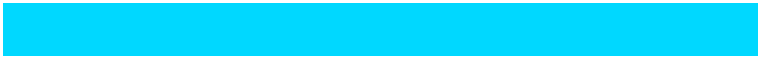
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



FFBF00



76E24C



00D8FF



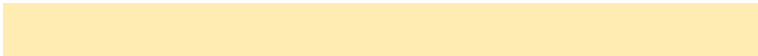
F7A5FF

Sweetspot

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



FFBF00



FFECB3



FF0044



807452



000000



808080

Same Dimension

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



FFBF00



C3FF00



807C73



BF8F00



403000

Inverse Universe

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



0040FF



3C00FF



737680



0030BF



001040

Previews

White Background



This preview shows how the Hex color FFBF00 looks on a white background.

Color Contrast Check

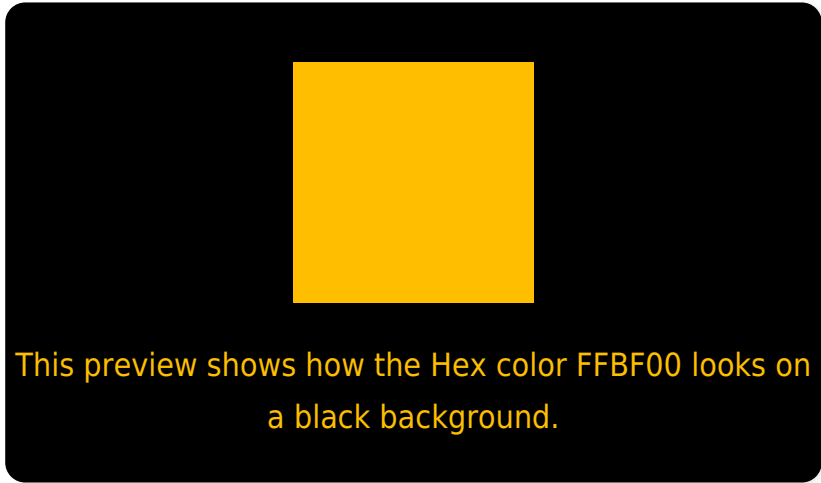
Large Text (above 18pt) WCAG AA × Fail

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 FFBF00 Background



This preview shows how black text looks on a background with the Hex color FFBF00.



This preview shows how white text looks on a background with the Hex color FFBF00.

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
FFBF00

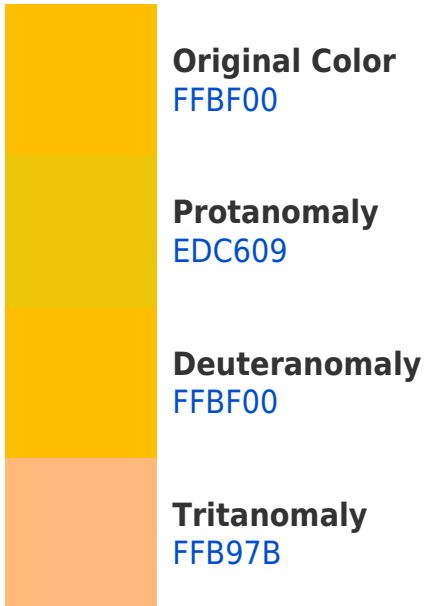
Protanopia
E3CA0E

Deuteranopia
FFBF00

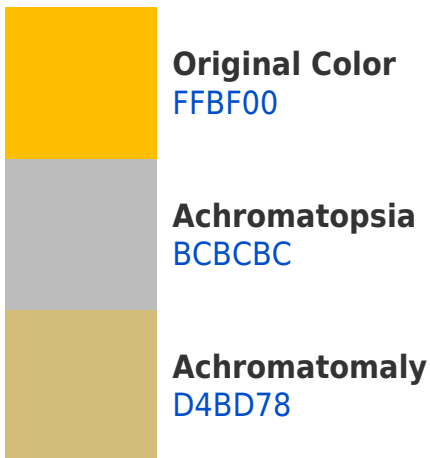


Tritanopia
FFB6C1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex FFBF00 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 #FFBF00 looks like.

```
.text, #text, p{  
    color:#FFBF00  
}
```

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 #FFBF00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFBF00
}
```

Border

The CSS property to change the border of an element to Hex FFBF00 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
#FFBF00 }
```

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

```
.border{ border-color:#FFBF00 }
```

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

Here you see how a box with a 4 pixel #FFBF00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFBF00; -webkit-box-shadow:4px 4px  
4px 4px #FFBF00; box-shadow:4px 4px 4px  
4px #FFBF00 }
```

Background

The CSS property to change the background color of an element to Hex FFBF00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFBF00 }
```

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

```
.background{ background-color:#FFBF00 }
```

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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