

Converting Colors

Hex(FFB707)

Have a look what the booklet for
Hex(FFB707) contains.

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Color

Hex(FFB707)

Conversions

Conversions Part 1

Format	Color
Hex	FFB707
RGB	255, 183, 7
RGB Percent	100%, 72%, 3%
CMY	0.0000, 0.2824, 0.9725
CMYK	0.00, 0.28, 0.97, 0.00
HSL	43°, 100%, 51%
HSV	43°, 97%, 100%
XYZ	58.2118, 55.1423, 7.7764
YIQ	184.4640, 99.4080, -39.4720

Conversions

Conversions Part 2

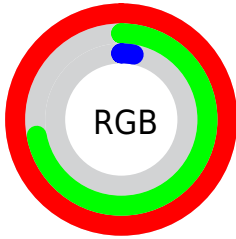
Format	Color
R_{YB}	108, 255, 7
Decimal	16758535
CIE Lab	79.12, 14.60, 81.03
CIE LCh	79, 82.331, 79.785
Yxy	55.1423, 0.4806, 0.4552
Android (android.graphics.Color)	4294948615 (0xFFFFB707)
YUV	184.4640, -87.4898, 61.8601
Hunter-Lab	74.2579, 9.9775, 45.7715

Details

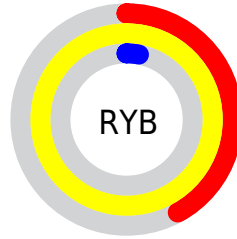
The Hex color **FFB707** is a dark color, and the websafe version is hex **FFCC33**. The color can be described as middle saturated orange. A complement of this color would be **074FFF**, and the grayscale version is **B9B9B9**.

A 20% lighter version of the original color is **FFEF55**, and **C08200** is the 20% darker color. If you saturate the color by 10%, you get **FFB500**, and if you desaturate by 10%, it is **FFBE21**.

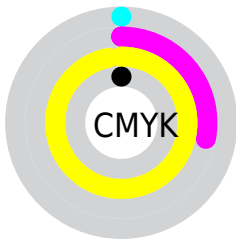
Distribution



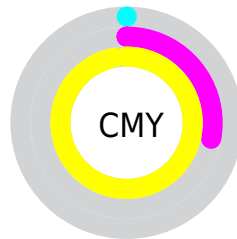
- Red (100%)
- Green (72%)
- Blue (3%)



- Red (42%)
- Yellow (100%)
- Blue (3%)



- Cyan (0%)
- Magenta (28%)
- Yellow (97%)
- Black (0%)



- Cyan (0%)
- Magenta (28%)
- Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the Hex color FFB707 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 FFB707 by changing the saturation by 10% instead.

 FFB707

 FFB707

FFFFFF

 DF9C00

 FFEF55

 C08200

 FFFF72

 A26900

 FFFF8E

 845100

 FFFFAB

 673B00

 FFFFC8

 4B2500

 FFFF E6

 301000

 170000

 000000

 FFB707

 FFB707

 FFB500

 FFBE21

 FFC63A

 FFCD54

 FFD56D

 FFDC87

 FFE3A0

 FFE8BA

 FFF2D3

 FFFAED

Harmonies

Analogous

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



FF974F



FFB707



B9CF0E

Triad

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



FFB707



00E8F6



FF98FF

Complementary

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



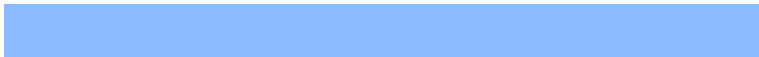
FFB707



074FFF

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.



8DBBFF



FFB707



00E3FF

Square

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



FFB707



00E6A6



00D5FF



FF7AE2

Rectangle

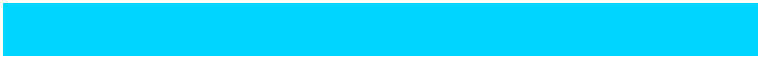
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



FFB707



7EDA42



00D5FF



E7A4FF

Sweetspot

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



FFB707



FFEAB5



FF0751



807353



000000



808080

Same Dimension

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



FFB707



FFB500



CDFF07



807C73



BF8800



402D00

Inverse Universe

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



074FFF



004AFF



3907FF



737680



0038BF



001340

Previews

White Background



This preview shows how the Hex color FFB707 looks on a white background.

Color Contrast Check

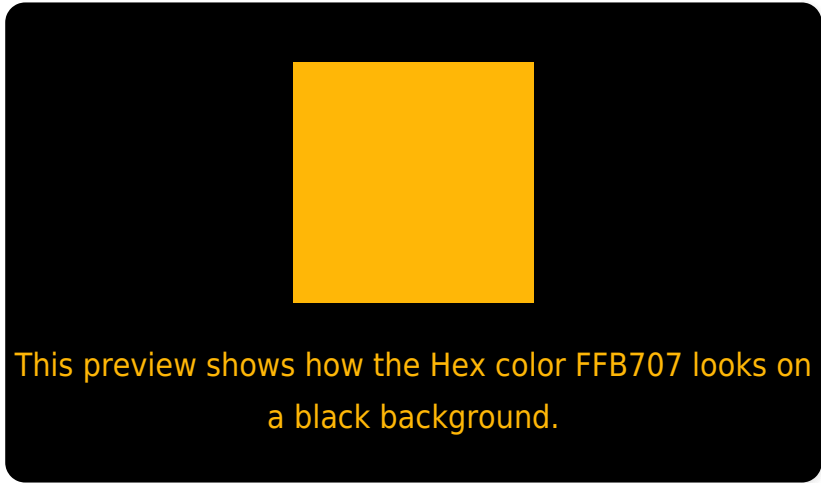
Large Text (above 18pt) WCAG AA × Fail

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 FFB707 Background



This preview shows how black text looks on a background with the Hex color FFB707.



This preview shows how white text looks on a background with the Hex color FFB707.

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
FFB707

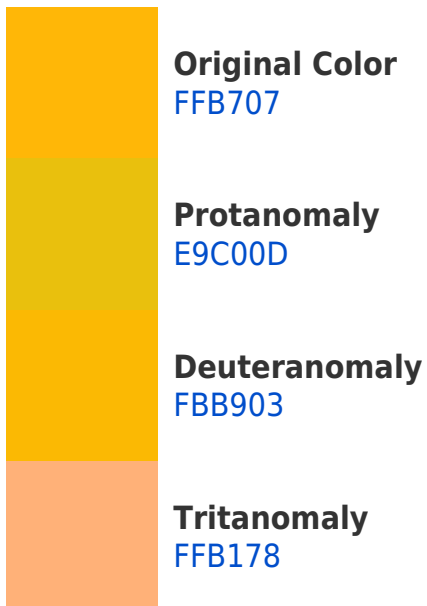
Protanopia
DDC511

Deuteranopia
F8BA00

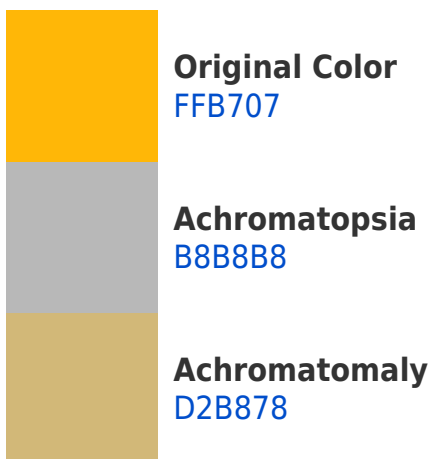


Tritanopia
FFAEB9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex FFB707 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 #FFB707 looks like.

```
.text, #text, p{  
    color:#FFB707  
}
```

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 #FFB707 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFB707
}
```

Border

The CSS property to change the border of an element to Hex FFB707 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
#FFB707 }
```

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

```
.border{ border-color:#FFB707 }
```

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

Here you see how a box with a 4 pixel #FFB707 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFB707; -webkit-box-shadow:4px 4px  
4px 4px #FFB707; box-shadow:4px 4px 4px  
4px #FFB707 }
```

Background

The CSS property to change the background color of an element to Hex FFB707 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFB707 }
```

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

```
.background{ background-color:#FFB707 }
```

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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