

Converting Colors

Hex(FFB101)

Have a look what the booklet for
Hex(FFB101) contains.

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Color

Hex(FFB101)

Conversions

Conversions Part 1

Format	Color
Hex	FFB101
RGB	255, 177, 1
RGB Percent	100%, 69%, 0%
CMY	0.0000, 0.3059, 0.9961
CMYK	0.00, 0.31, 1.00, 0.00
HSL	42°, 100%, 50%
HSV	42°, 100%, 100%
XYZ	56.9676, 52.7065, 7.1996
YIQ	180.2580, 102.9840, -38.2000

Conversions

Conversions Part 2

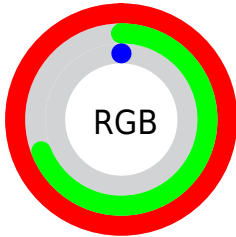
Format	Color
R_{YB}	114, 255, 1
Decimal	16756993
CIE Lab	77.70, 17.68, 80.68
CIE LCh	78, 82.594, 77.639
Yxy	52.7065, 0.4874, 0.4510
Android (android.graphics.Color)	4294947073 (0xFFFFB101)
YUV	180.2580, -88.3742, 65.5487
Hunter-Lab	72.5992, 13.0179, 44.9397

Details

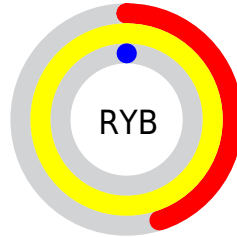
The Hex color **FFB101** is a dark color, and the websafe version is hex **FF9900**. The color can be described as middle saturated orange. A complement of this color would be **014FFF**, and the grayscale version is **B5B5B5**.

A 20% lighter version of the original color is **FFE852**, and **C07D00** is the 20% darker color. If you saturate the color by 10%, you get **FFB100**, and if you desaturate by 10%, it is **FFB91A**.

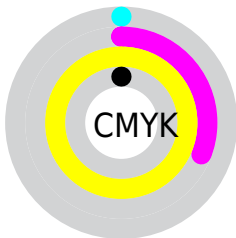
Distribution



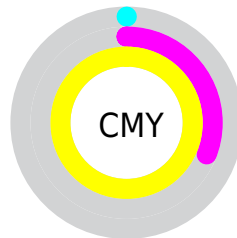
- Red (100%)
- Green (69%)
- Blue (0%)



- Red (45%)
- Yellow (100%)
- Blue (0%)



- Cyan (0%)
- Magenta (31%)
- Yellow (100%)
- Black (0%)



- Cyan (0%)
- Magenta (31%)
- Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color FFB101 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 FFB101 by changing the saturation by 10% instead.

 FFB101

 FFB101

FFFFFF

 DF9600

 FFE852

 C07D00

 FFFF6F

 A26400

 FFFF8C

 834C00

 FFFFA8

 663500

 FFFFC5

 4A2000

 FFFF E3

 300B00

 120000

 000000

 FFB101

 FFB101

 FFB100

 FFB91A

 FFC134

 FFC84E

 FFD067

 FFD881

 FFE09A

 FFE8B3

 FFF0CD

 FFF7E7

Harmonies

Analogous

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



FF9050



FFB101



BACA00

Triad

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



FFB101



00E4EC



FC96FF

Complementary

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



FFB101



014FFF

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.



79B9FF



FFB101



00DFFF

Square

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



FFB101



00E29D



00D2FF



FF77E3

Rectangle

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



FFB101



80D538



00D2FF



DBA3FF

Sweetspot

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



FFB101



FFE8B3



FF0151



807152



000000



808080

Same Dimension

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



FFB101



FFB100



D0FF01



807C73



BF8500



402C00

Inverse Universe

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



014FFF



004EFF



3001FF



737780



003BBF



001440

Previews

White Background



This preview shows how the Hex color FFB101 looks on a white background.

Color Contrast Check

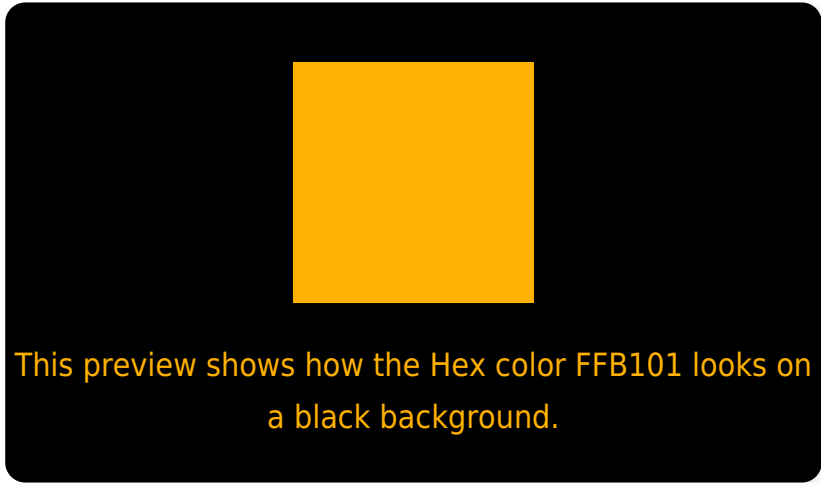
Large Text (above 18pt) WCAG AA × Fail

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 FFB101 Background



This preview shows how black text looks on a background with the Hex color FFB101.



This preview shows how white text looks on a background with the Hex color FFB101.

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
FFB101

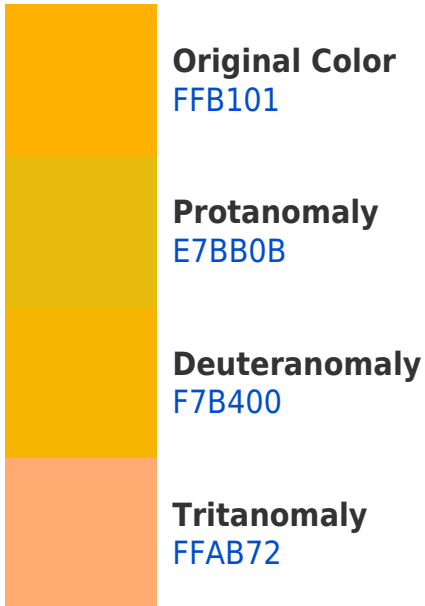
Protanopia
D9C110

Deuteranopia
F3B600



Tritanopia
FFA8B3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex FFB101 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 #FFB101 looks like.

```
.text, #text, p{  
    color:#FFB101  
}
```

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 #FFB101 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFB101
}
```

Border

The CSS property to change the border of an element to Hex FFB101 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
#FFB101 }
```

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

```
.border{ border-color:#FFB101 }
```

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

Here you see how a box with a 4 pixel #FFB101 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFB101; -webkit-box-shadow:4px 4px  
4px 4px #FFB101; box-shadow:4px 4px 4px  
4px #FFB101 }
```

Background

The CSS property to change the background color of an element to Hex FFB101 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFB101 }
```

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

```
.background{ background-color:#FFB101 }
```

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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