

# Converting Colors

Hex(7FAB00)

Have a look what the booklet for  
Hex(7FAB00) contains.

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**Color**

**Hex(7FAB00)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7FAB00
RGB	127, 171, 0
RGB Percent	50%, 67%, 0%
CMY	0.5020, 0.3294, 1.0000
CMYK	0.26, 0.00, 1.00, 0.33
HSL	75°, 100%, 34%
HSV	75°, 100%, 67%
XYZ	23.3153, 33.6378, 5.2639
YIQ	138.3500, 28.6670, -62.5090

# Conversions

## Conversions Part 2

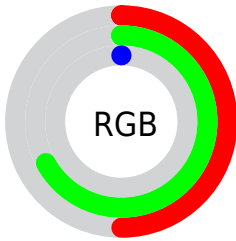
Format	Color
<a href="#">RYB</a>	<a href="#">0, 171, 44</a>
Decimal	<a href="#">8366848</a>
CIELab	<a href="#">64.67, -34.74, 66.23</a>
CIELCh	<a href="#">65, 74.792, 117.676</a>
Yxy	<a href="#">33.6378, 0.3747, 0.5407</a>
Android (android.graphics.Color)	<a href="#">4286556928</a> ( <a href="#">0xFF7FAB00</a> )
YUV	<a href="#">138.3500, -68.2065, -9.9539</a>
Hunter-Lab	<a href="#">57.9981, -29.7396, 35.2175</a>

# Details

The Hex color **7FAB00** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **2C00AB**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **B8E34C**, and **477600** is the 20% darker color. If you saturate the color by 10%, you get **7FAB00**, and if you desaturate by 10%, it is **83AB11**.

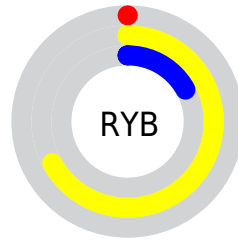
# Distribution



Red (50%)

Green (67%)

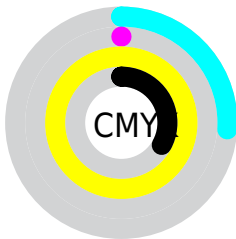
Blue (0%)



Red (0%)

Yellow (67%)

Blue (17%)

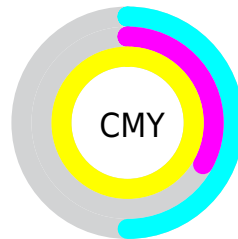


Cyan (26%)

Magenta (0%)

Yellow (100%)

Black (33%)



Cyan (50%)

Magenta (33%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7FAB00 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 7FAB00 by changing the saturation by 10% instead.



 7FAB00

 7FAB00

FFFFFF

 639000

 B8E34C

 477600


 D5FF68

 2B5E00

 F3FF84

 074600

 FFFFA0

 002F00

 FFFFBC

 001900

 FFFFD9

 000000

 FFFFF6

 7FAB00

 83AB11

 88AB22

 8CAB33

 91AB44

 95AB55

 99AB67

 9EAB78

 A2AB89

 A7AB9A

# Harmonies

## Analogous

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



C09800



7FAB00



00B650

# Triad

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



7FAB00



00B5FF



FF55A5

# Complementary

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



7FAB00



2C00AB

# 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.



E86DE5



7FAB00



00A7FF

# Square

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



7FAB00



00BBD9



8F8DFF



FF5F63

# Rectangle

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



7FAB00



00BA7E



8F8DFF



FF5ABB



# Sweetspot

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



7FAB00



CDDE9B



AB2B00



667048



F0F0F0



707070



# Same Dimension

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



7FAB00



A5DE00



2BAB00



54574E



709600



111700



# Inverse Universe

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



2C00AB



3900DE



8000AB



504E57



270096



060017



# Previews

## White Background



This preview shows how the Hex color 7FAB00 looks on a white background.

## Color Contrast Check

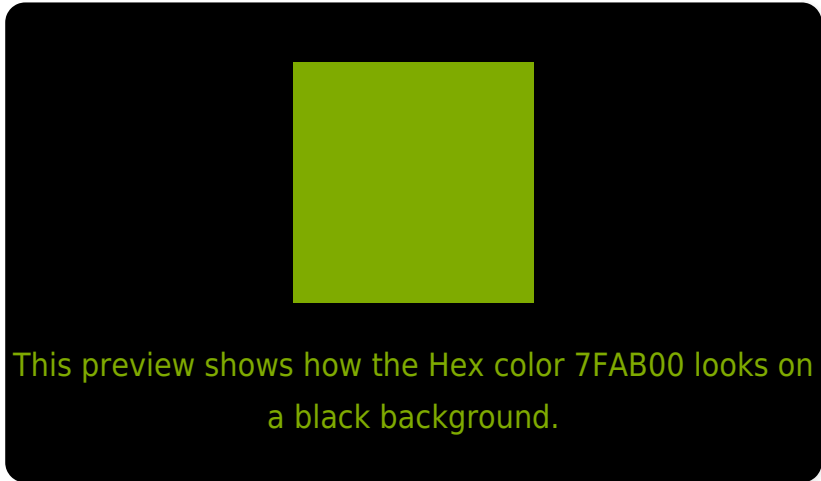
Large Text (above 18pt) WCAG AA × Fail

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 7FAB00 Background



This preview shows how black text looks on a background with the Hex color 7FAB00.

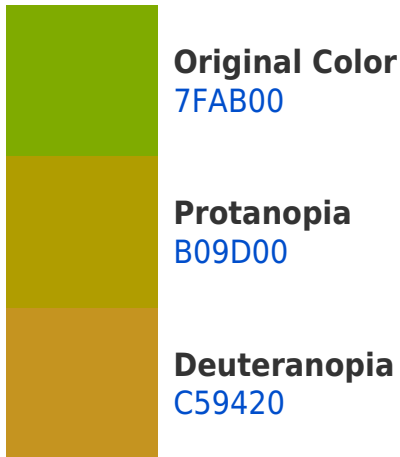


This preview shows how white text looks on a background with the Hex color 7FAB00.

# 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](#).

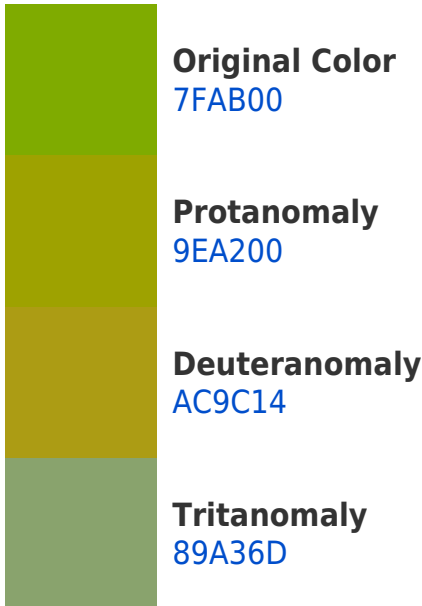
## Dichromacy



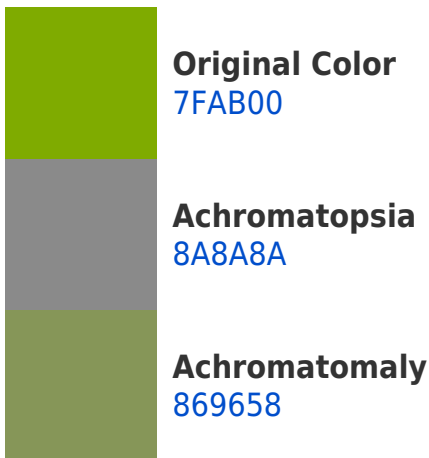


**Tritanopia**  
8E9FAC

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7FAB00 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 #7FAB00 looks like.

```
.text, #text, p{  
    color:#7FAB00  
}
```

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 #7FAB00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7FAB00
}
```

## Border

The CSS property to change the border of an element to Hex 7FAB00 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
#7FAB00 }
```

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

```
.border{ border-color:#7FAB00 }
```

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

Here you see how a box with a 4 pixel #7FAB00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7FAB00; -webkit-box-shadow:4px 4px  
4px 4px #7FAB00; box-shadow:4px 4px 4px  
4px #7FAB00 }
```

# Background

The CSS property to change the background color of an element to Hex 7FAB00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7FAB00 }
```

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

```
.background{ background-color:#7FAB00 }
```

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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