

Converting Colors

Hex(7BAB00)

Have a look what the booklet for
Hex(7BAB00) contains.

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Color

Hex(7BAB00)

Conversions

Conversions Part 1

Format	Color
Hex	7BAB00
RGB	123, 171, 0
RGB Percent	48%, 67%, 0%
CMY	0.5176, 0.3294, 1.0000
CMYK	0.28, 0.00, 1.00, 0.33
HSL	77°, 100%, 34%
HSV	77°, 100%, 67%
XYZ	22.7313, 33.3368, 5.2366
YIQ	137.1540, 26.2830, -63.3570

Conversions

Conversions Part 2

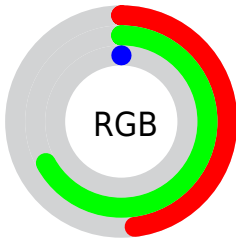
Format	Color
RYB	0, 171, 48
Decimal	8104704
CIELab	64.43, -36.33, 65.94
CIELCh	64, 75.292, 118.853
Yxy	33.3368, 0.3708, 0.5438
Android (android.graphics.Color)	4286294784 (0xFF7BAB00)
YUV	137.1540, -67.6169, -12.4131
Hunter-Lab	57.7380, -30.7666, 35.0393

Details

The Hex color **7BAB00** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **3000AB**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **B4E34C**, and **437600** is the 20% darker color. If you saturate the color by 10%, you get **7BAB00**, and if you desaturate by 10%, it is **80AB11**.

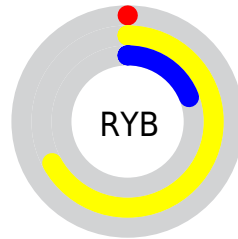
Distribution



Red (48%)

Green (67%)

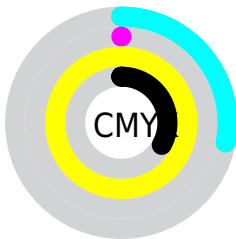
Blue (0%)



Red (0%)

Yellow (67%)

Blue (19%)

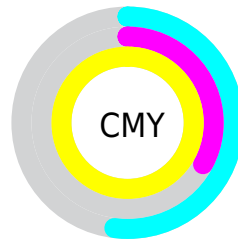


Cyan (28%)

Magenta (0%)

Yellow (100%)

Black (33%)



Cyan (52%)

Magenta (33%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7BAB00 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 7BAB00 by changing the saturation by 10% instead.

 7BAB00

 7BAB00

FFFFFF

 5F9000

 B4E34C

 437600

 D1FF68

 275D00

 EFFF83

 004500

 FFFFA0

 002E00

 FFFFBC

 001800

 FFFFD9

 000000

 FFFFF6

 7BAB00

 80AB11

 85AB22

 89AB33

 8EAB44

 93AB55

 98AB67

 9DAB78

 A1AB89

 A6AB9A

Harmonies

Analogous

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



BD9800



7BAB00



00B652

Triad

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



7BAB00



00B4FF



FF53A2

Complementary

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



7BAB00



3000AB

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.



EA6AE3



7BAB00



00A5FF

Square

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



7BAB00



00BADC



938BFF



FF5F60

Rectangle

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



7BAB00



00B980



938BFF



FF58B8

Sweetspot

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



7BAB00



CBDE9B



AB2E00



657048



F0F0F0



707070

Same Dimension

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



7BAB00



A0DE00



28AB00



54574E



6C9600



111700

Inverse Universe

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



3000AB



3E00DE



8300AB



504E57



2A0096



060017

Previews

White Background



This preview shows how the Hex color 7BAB00 looks on a white background.

Color Contrast Check

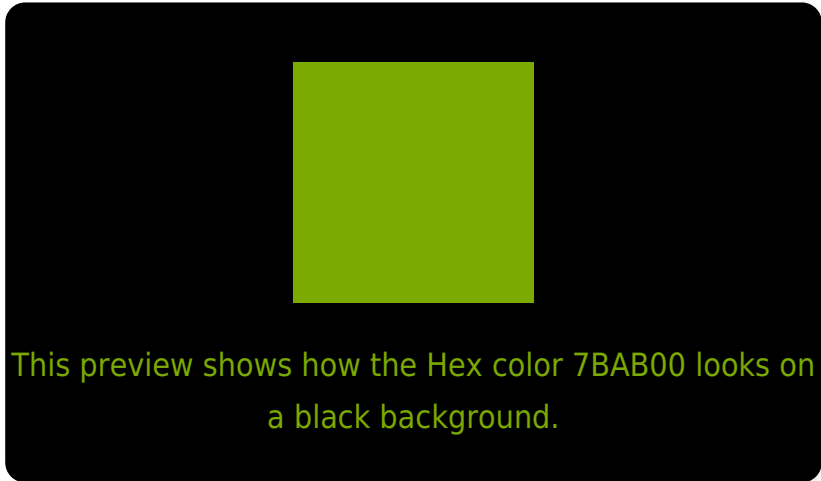
Large Text (above 18pt) WCAG AA × Fail

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 7BAB00 Background



This preview shows how black text looks on a background with the Hex color 7BAB00.

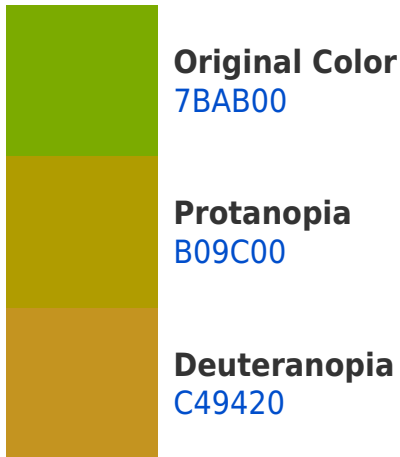


This preview shows how white text looks on a background with the Hex color 7BAB00.

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
8B9FAC

Trichromacy



Original Color
7BAB00

Protanomaly
9DA100

Deuteranomaly
A99C14

Tritanomaly
85A36D

Monochromacy



Original Color
7BAB00

Achromatopsia
898989

Achromatomaly
849557

CSS Examples

Text

The CSS property to change the color of the text to Hex 7BAB00 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 #7BAB00 looks like.

```
.text, #text, p{  
    color:#7BAB00  
}
```

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 #7BAB00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7BAB00
}
```

Border

The CSS property to change the border of an element to Hex 7BAB00 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
#7BAB00 }
```

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

```
.border{ border-color:#7BAB00 }
```

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

Here you see how a box with a 4 pixel #7BAB00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7BAB00; -webkit-box-shadow:4px 4px  
4px 4px #7BAB00; box-shadow:4px 4px 4px  
4px #7BAB00 }
```

Background

The CSS property to change the background color of an element to Hex 7BAB00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7BAB00 }
```

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

```
.background{ background-color:#7BAB00 }
```

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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