

Converting Colors

Hex(7BAA17)

Have a look what the booklet for
Hex(7BAA17) contains.

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Color

Hex(7BAA17)

Conversions

Conversions Part 1

Format	Color
Hex	7BAA17
RGB	123, 170, 23
RGB Percent	48%, 67%, 9%
CMY	0.5176, 0.3333, 0.9098
CMYK	0.28, 0.00, 0.86, 0.33
HSL	79°, 76%, 38%
HSV	79°, 86%, 67%
XYZ	22.6978, 33.0223, 5.9882
YIQ	139.1890, 19.1750, -55.6810

Conversions

Conversions Part 2

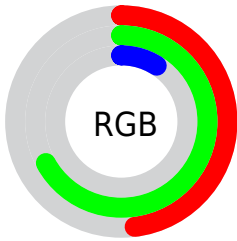
Format	Color
RYB	23, 170, 70
Decimal	8104471
CIELab	64.18, -35.39, 62.18
CIElCh	64, 71.548, 119.647
Yxy	33.0223, 0.3678, 0.5351
Android (android.graphics.Color)	4286294551 (0xFF7BAA17)
YUV	139.1890, -57.2812, -14.1978
Hunter-Lab	57.4650, -30.0591, 34.0471

Details

The Hex color **7BAA17** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **4617AA**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **B3E254**, and **447500** is the 20% darker color. If you saturate the color by 10%, you get **76AA06**, and if you desaturate by 10%, it is **80AA28**.

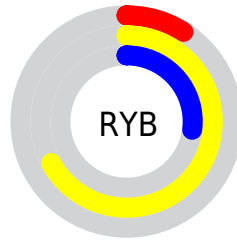
Distribution



Red (48%)

Green (67%)

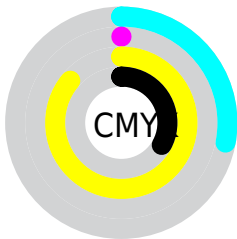
Blue (9%)



Red (9%)

Yellow (67%)

Blue (27%)

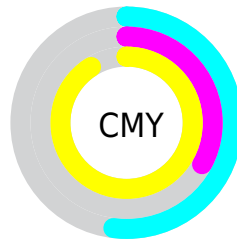


Cyan (28%)

Magenta (0%)

Yellow (86%)

Black (33%)



Cyan (52%)

Magenta (33%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7BAA17 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 7BAA17 by changing the saturation by 10% instead.



7BAA17



7BAA17

FFFFFF



5F8F00



B3E254



447500



D0FE70



285C00



EEFF8B



024500



FFFFA7



002E00



FFFFC4



001700



FFFFE1



000000

FFFFFFE



7BAA17



7BAA17

■ 76AA06

■ 80AA28

■ 74AA00

■ 86AA39

■ 8BAA4A

■ 91AA5B

■ 96AA6C

■ 9CAA7D

■ A1AA8E

■ A6AA9F

■ ACAAB0

Harmonies

Analogous

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



BA9800



7BAA17



00B457

Triad

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



7BAA17



00B2FF



FF599F

Complementary

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



7BAA17



4617AA

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.



E76DDD



7BAA17



00A3FF

Square

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



7BAA17



00B8D9



978BFF



FF6360

Rectangle

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



7BAA17



00B882



978BFF



FF5DB5

Sweetspot

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



7BAA17



CBDEA4



AA4617



65704D



F0F0F0



707070

Same Dimension

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



7BAA17



97DE00



32AA17



51544C



659400



0E1400

Inverse Universe

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



4617AA



4700DE



8F17AA



4E4C54



2F0094



070014

Previews

White Background



This preview shows how the Hex color 7BAA17 looks on a white background.

Color Contrast Check

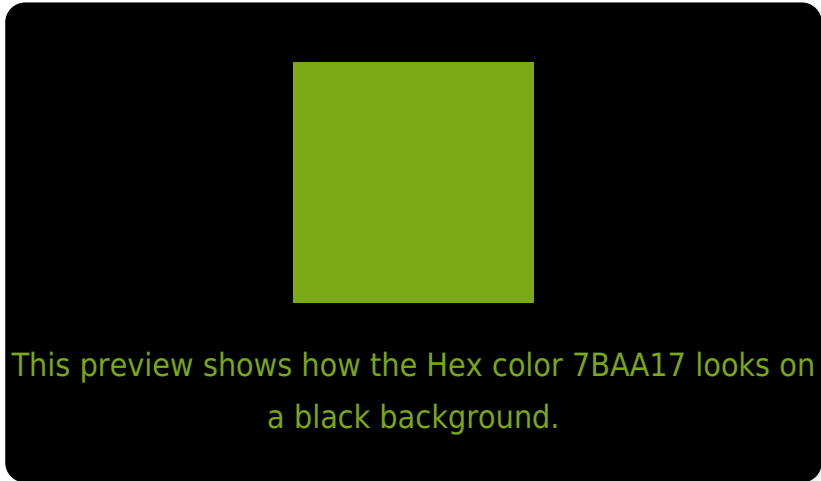
Large Text (above 18pt) WCAG AA × Fail

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 7BAA17 Background



This preview shows how black text looks on a background with the Hex color 7BAA17.

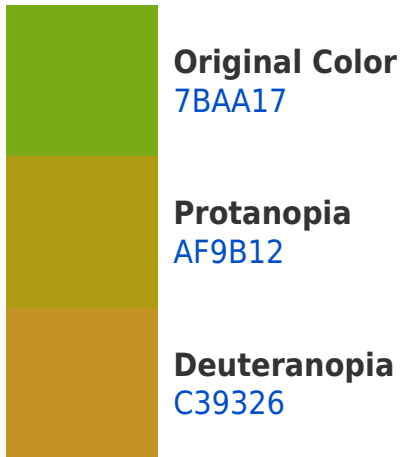


This preview shows how white text looks on a background with the Hex color 7BAA17.

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](#).

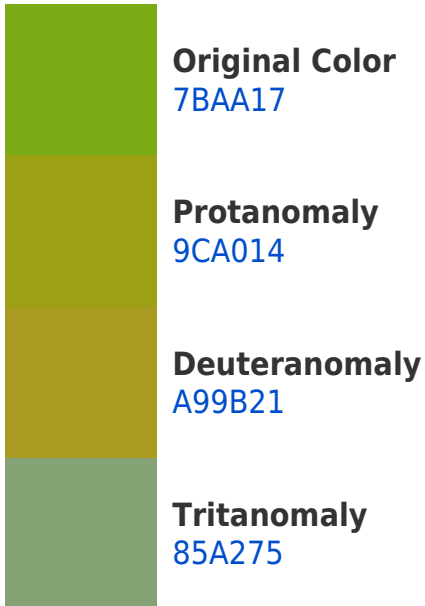
Dichromacy



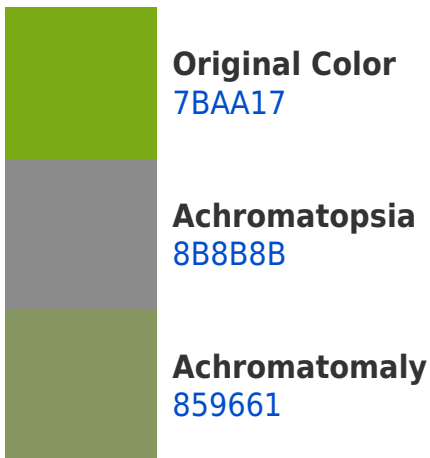


Tritanopia
8B9EAB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7BAA17 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 #7BAA17 looks like.

```
.text, #text, p{  
    color:#7BAA17  
}
```

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 #7BAA17 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7BAA17
}
```

Border

The CSS property to change the border of an element to Hex 7BAA17 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
#7BAA17 }
```

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

```
.border{ border-color:#7BAA17 }
```

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

Here you see how a box with a 4 pixel #7BAA17 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7BAA17; -webkit-box-shadow:4px 4px  
4px 4px #7BAA17; box-shadow:4px 4px 4px  
4px #7BAA17 }
```

Background

The CSS property to change the background color of an element to Hex 7BAA17 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7BAA17 }
```

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

```
.background{ background-color:#7BAA17 }
```

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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