

Converting Colors

Hex(7AAB1E)

Have a look what the booklet for
Hex(7AAB1E) contains.

Hex(7AAB1E)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(7AAB1E)

Conversions

Conversions Part 1

Format	Color
Hex	7AAB1E
RGB	122, 171, 30
RGB Percent	48%, 67%, 12%
CMY	0.5216, 0.3294, 0.8824
CMYK	0.29, 0.00, 0.82, 0.33
HSL	81°, 70%, 39%
HSV	81°, 82%, 67%
XYZ	22.8233, 33.3571, 6.4640
YIQ	140.2750, 16.0570, -54.2390

Conversions

Conversions Part 2

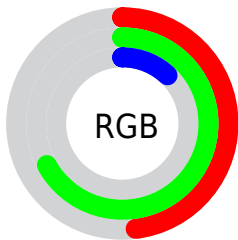
Format	Color
RYB	30, 171, 79
Decimal	8039198
CIELab	64.45, -35.99, 60.68
CIELCh	64, 70.552, 120.667
Yxy	33.3571, 0.3643, 0.5325
Android (android.graphics.Color)	4286229278 (0xFF7AAB1E)
YUV	140.2750, -54.3656, -16.0272
Hunter-Lab	57.7556, -30.5345, 33.7933

Details

The Hex color **7AAB1E** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **4F1EAB**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **B2E359**, and **437600** is the 20% darker color. If you saturate the color by 10%, you get **74AB0D**, and if you desaturate by 10%, it is **80AB2F**.

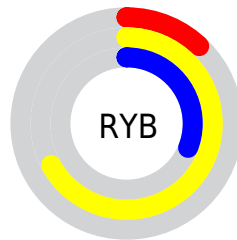
Distribution



Red (48%)

Green (67%)

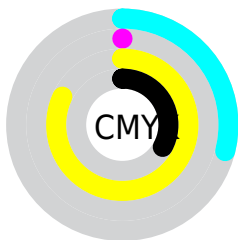
Blue (12%)



Red (12%)

Yellow (67%)

Blue (31%)

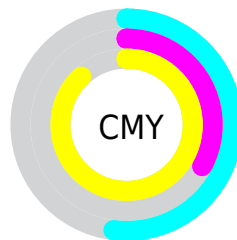


Cyan (29%)

Magenta (0%)

Yellow (82%)

Black (33%)



Cyan (52%)

Magenta (33%)

Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7AAB1E 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 7AAB1E by changing the saturation by 10% instead.

 7AAB1E

 7AAB1E

FFFFFF

 5E9000

 B2E359

 437600

 CFFF74

 285D00

 EDFF8F

 004500

 FFFFAB

 002E00

 FFFFC8

 001800

 FFFF E5

 000000

 7AAB1E

 7AAB1E

 74AB0D

 80AB2F

 70AB00

 86AB40

 8CAB51

 92AB62

 98AB73

 9EAB85

 A4AB96

 AAABA7

 AFABB8

Harmonies

Analogous

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



B99A00



7AAB1E



00B55B

Triad

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



7AAB1E



00B2FF



FF5B9E

Complementary

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



7AAB1E



4F1EAB

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.



E96DDB



7AAB1E



00A3FF

Square

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



7AAB1E



00B9DB



9C8BFF



FF6660

Rectangle

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



7AAB1E



00B886



9C8BFF



FF5EB3

Sweetspot

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



7AAB1E



CBDEA6



AB4D1E



65704F



F0F0F0



707070

Same Dimension

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



7AAB1E



92DE02



35AB1E



54574E



629600



0F1700

Inverse Universe

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



4F1EAB



4F02DE



941EAB



514E57



340096



080017

Previews

White Background



This preview shows how the Hex color 7AAB1E looks on a white background.

Color Contrast Check

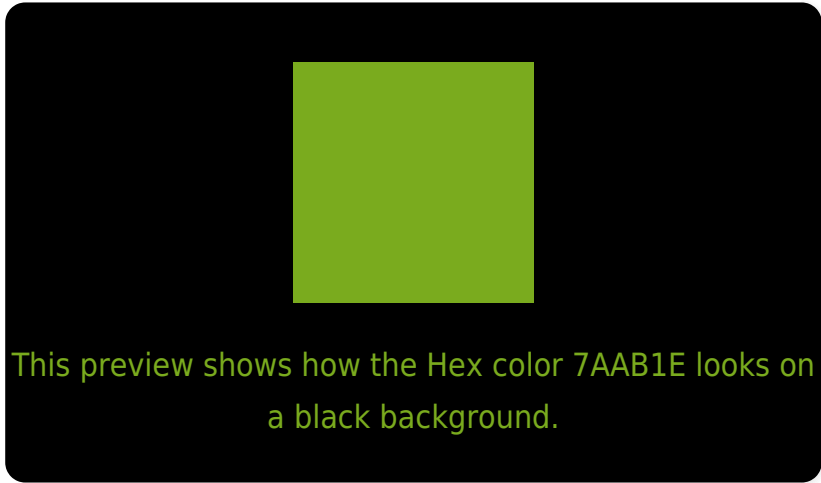
Large Text (above 18pt) WCAG AA × Fail

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 7AAB1E Background



This preview shows how black text looks on a background with the Hex color 7AAB1E.

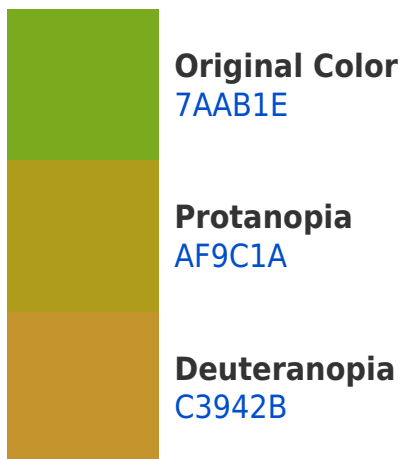


This preview shows how white text looks on a background with the Hex color 7AAB1E.

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
8A9FAC

Trichromacy



Original Color
7AAB1E

Protanomaly
9CA11B

Deuteranomaly
A89C26

Tritanomaly
84A378

Monochromacy



Original Color
7AAB1E

Achromatopsia
8C8C8C

Achromatomaly
859764

CSS Examples

Text

The CSS property to change the color of the text to Hex 7AAB1E 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 #7AAB1E looks like.

```
.text, #text, p{  
    color:#7AAB1E  
}
```

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 #7AAB1E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7AAB1E
}
```

Border

The CSS property to change the border of an element to Hex 7AAB1E 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
#7AAB1E }
```

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

```
.border{ border-color:#7AAB1E }
```

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

Here you see how a box with a 4 pixel #7AAB1E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7AAB1E; -webkit-box-shadow:4px 4px  
4px 4px #7AAB1E; box-shadow:4px 4px 4px  
4px #7AAB1E }
```

Background

The CSS property to change the background color of an element to Hex 7AAB1E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7AAB1E }
```

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

```
.background{ background-color:#7AAB1E }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor