

# Converting Colors

Hex(7AAB74)

Have a look what the booklet for  
Hex(7AAB74) contains.

<b>Hex(7AAB74)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

Hex(7AAB74)

# Conversions

## Conversions Part 1

Format	Color
Hex	7AAB74
RGB	122, 171, 116
RGB Percent	48%, 67%, 45%
CMY	0.5216, 0.3294, 0.5451
CMYK	0.29, 0.00, 0.32, 0.33
HSL	113°, 25%, 56%
HSV	113°, 32%, 67%
XYZ	25.7413, 34.5243, 21.8302
YIQ	150.0790, -11.5490, -27.4930

# Conversions

## Conversions Part 2

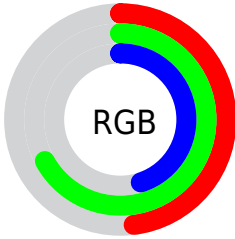
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">116, 171, 165</a>
Decimal	<a href="#">8039284</a>
CIELab	<a href="#">65.38, -27.27, 23.25</a>
CIELCh	<a href="#">65, 35.832, 139.548</a>
Yxy	<a href="#">34.5243, 0.3136, 0.4205</a>
Android (android.graphics.Color)	<a href="#">4286229364 (0xFF7AAB74)</a>
YUV	<a href="#">150.0790, -16.8009, -24.6253</a>
Hunter-Lab	<a href="#">58.7574, -24.6255, 19.1022</a>

# Details

The Hex color **7AAB74** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **A574AB**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **B0E3A8**, and **477643** is the 20% darker color. If you saturate the color by 10%, you get **6BAB63**, and if you desaturate by 10%, it is **89AB85**.

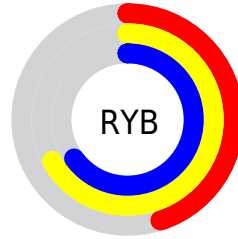
# Distribution



Red (48%)

Green (67%)

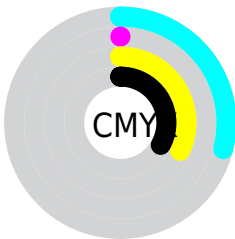
Blue (45%)



Red (45%)

Yellow (67%)

Blue (65%)

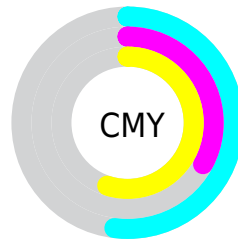


Cyan (29%)

Magenta (0%)

Yellow (32%)

Black (33%)



Cyan (52%)

Magenta (33%)

Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7AAB74 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 7AAB74 by changing the saturation by 10% instead.





7AAB74



7AAB74

FFFFFF



60905B



B0E3A8



477643



CCFFC4



2F5D2C



E8FFE0



154516

FFFFFFD



002F00



001B00



000000



7AAB74



7AAB74



6BAB63



89AB85

 5CAB52

 98AB96

 4CAB41

 A8ABA7

 3DAB30

 B7ABB8

 2EAB1E

 C6ABC9

 1FAB0D

 D5ABDB

 13AB00

 E5ABEC

 F4ABFD

 FFABFF

# Harmonies

## Analogous

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



9FA361



7AAB74



50AF92

# Triad

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



7AAB74



5CA5DD



DE878B

# Complementary

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



7AAB74



A574AB

# 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.



D687AB



7AAB74



929BDB

# Square

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



7AAB74



22ADCF



BC8FC9



D48E6F

# Rectangle

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



7AAB74



31B0A8



BC8FC9



DD8696



# Sweetspot

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



7AAB74



CADEC8



ABA574



647063



F0F0F0



707070



# Same Dimension

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



7AAB74



91DE87



74AB89



4F574E



109600



031700



# Inverse Universe

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



A574AB



D487DE



AB7496



564E57



860096



140017



# Previews

## White Background



This preview shows how the Hex color 7AAB74 looks on a white background.

## Color Contrast Check

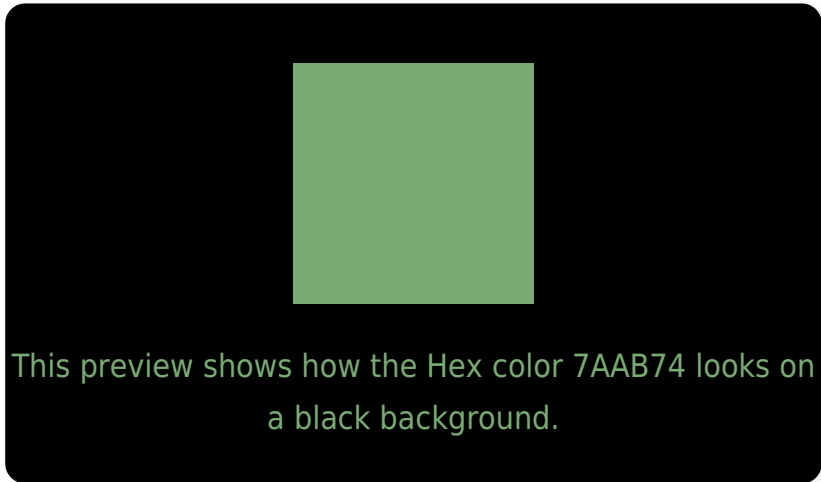
Large Text (above 18pt) WCAG AA × Fail

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

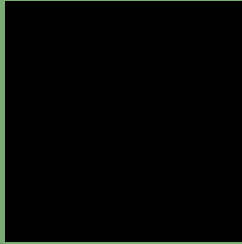
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 7AAB74 Background



This preview shows how black text looks on a background with the Hex color 7AAB74.

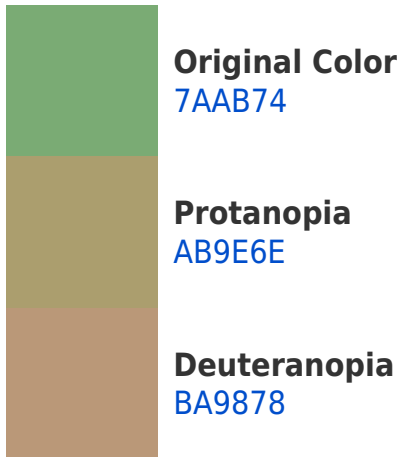


This preview shows how white text looks on a background with the Hex color 7AAB74.

# 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](#).

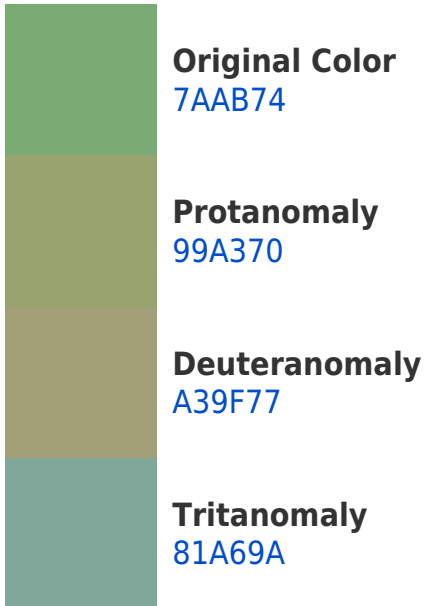
## Dichromacy





**Tritanopia**  
85A3B0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7AAB74 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 #7AAB74 looks like.

```
.text, #text, p{  
    color:#7AAB74  
}
```

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 #7AAB74 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7AAB74
}
```

## Border

The CSS property to change the border of an element to Hex 7AAB74 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
#7AAB74 }
```

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

```
.border{ border-color:#7AAB74 }
```

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

Here you see how a box with a 4 pixel #7AAB74 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7AAB74; -webkit-box-shadow:4px 4px  
4px 4px #7AAB74; box-shadow:4px 4px 4px  
4px #7AAB74 }
```

# Background

The CSS property to change the background color of an element to Hex 7AAB74 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7AAB74 }
```

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

```
.background{ background-color:#7AAB74 }
```

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