

# Converting Colors

Hex(7A8A54)

Have a look what the booklet for  
Hex(7A8A54) contains.

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**Color**

**Hex(7A8A54)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7A8A54
RGB	122, 138, 84
RGB Percent	48%, 54%, 33%
CMY	0.5216, 0.4588, 0.6706
CMYK	0.12, 0.00, 0.39, 0.46
HSL	78°, 24%, 44%
HSV	78°, 39%, 54%
XYZ	18.7148, 22.9546, 11.8318
YIQ	127.0600, 7.7980, -20.1860

# Conversions

## Conversions Part 2

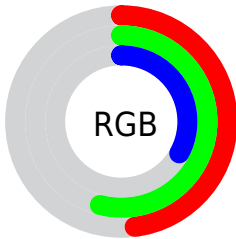
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	84, 138, 100
Decimal	8030804
CIE Lab	55.03, -15.26, 27.02
CIE LCh	55, 31.031, 119.460
Yxy	22.9546, 0.3498, 0.4290
Android (android.graphics.Color)	4286220884 (0xFF7A8A54)
YUV	127.0600, -21.2286, -4.4376
Hunter-Lab	47.9110, -14.1194, 18.8958

# Details

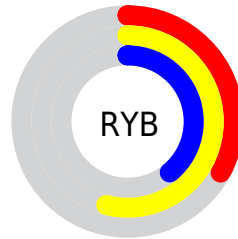
The Hex color **7A8A54** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **64548A**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **AFBF86**, and **485825** is the 20% darker color. If you saturate the color by 10%, you get **768A46**, and if you desaturate by 10%, it is **7E8A62**.

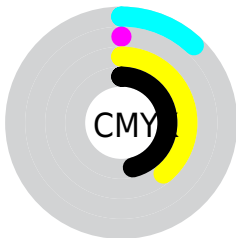
# Distribution



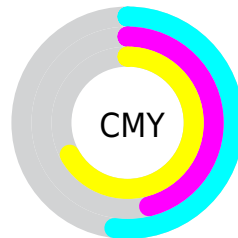
- Red (48%)
- Green (54%)
- Blue (33%)



- Red (33%)
- Yellow (54%)
- Blue (39%)



- Cyan (12%)
- Magenta (0%)
- Yellow (39%)
- Black (46%)



- Cyan (52%)
- Magenta (46%)
- Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7A8A54 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 7A8A54 by changing the saturation by 10% instead.



 7A8A54

 7A8A54

FFFFFF

 61713C

 AFBF86

 485825

 CBDBA1

 31410F

 E7F8BC

 1C2A00

 FFFFD8

 001800

 FFFFF4

 000000

 7A8A54

 7A8A54

 768A46

 7E8A62

 728A38

 828A70

 6E8A2B

 868A7D

 6A8A1D

 8A8A8B

 668A0F

 8E8A99

 618A01

 938AA7

 618A00

 978AB5

 9B8AC2

 9F8AD0

# Harmonies

## Analogous

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



96824E



7A8A54



5A8F68

# Triad

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



7A8A54



2C8EB1



B66F85

# Complementary

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



7A8A54



64548A

# 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.



A5749F



7A8A54



5C86B9

# Square

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



7A8A54



11919D



867DB2



B7716B

# Rectangle

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



7A8A54



429279



867DB2



B2708E



# Sweetspot

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



7A8A54



ACB39D



8A6354



56594D



D9D9D9



595959



# Same Dimension

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



7A8A54



9AB35F



608A54



43453E



5D8500



040500



# Inverse Universe

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



64548A



775FB3



7E548A



403E45



270085



020005



# Previews

## White Background



This preview shows how the Hex color 7A8A54 looks on a white background.

## Color Contrast Check

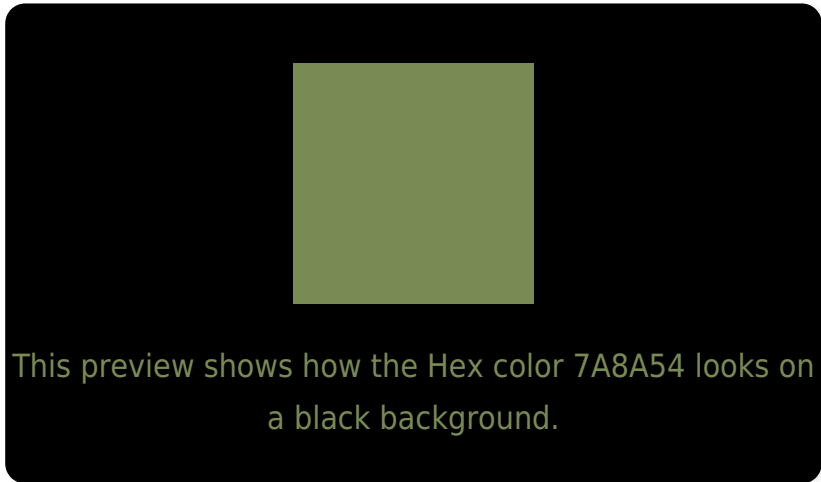
Large Text (above 18pt) WCAG AA ✓ Pass

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

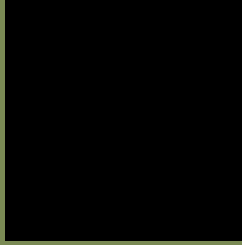
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 7A8A54 Background



This preview shows how black text looks on a background with the Hex color 7A8A54.




This preview shows how white text looks on a background with the Hex color 7A8A54.

# 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](#).

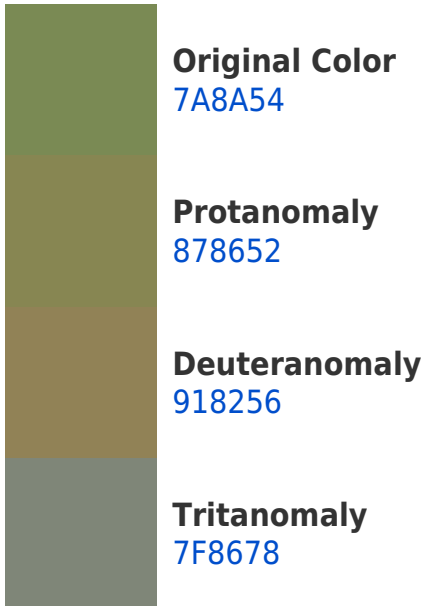
## Dichromacy



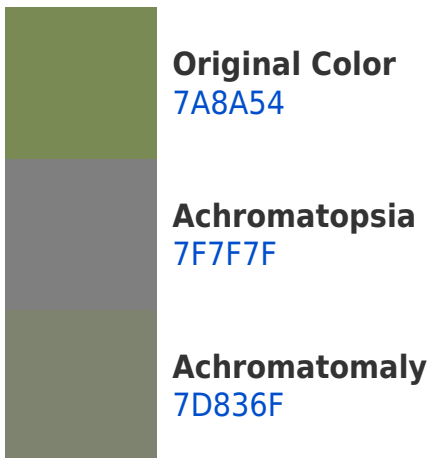


**Tritanopia**  
82838D

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7A8A54 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 #7A8A54 looks like.

```
.text, #text, p{  
    color:#7A8A54  
}
```

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 #7A8A54 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7A8A54
}
```

## Border

The CSS property to change the border of an element to Hex 7A8A54 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
#7A8A54 }
```

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

```
.border{ border-color:#7A8A54 }
```

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

Here you see how a box with a 4 pixel #7A8A54 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7A8A54; -webkit-box-shadow:4px 4px  
4px 4px #7A8A54; box-shadow:4px 4px 4px  
4px #7A8A54 }
```

# Background

The CSS property to change the background color of an element to Hex 7A8A54 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7A8A54 }
```

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

```
.background{ background-color:#7A8A54 }
```

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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