

# Converting Colors

Hex(7A8948)

Have a look what the booklet for  
Hex(7A8948) contains.

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**Color**

**Hex(7A8948)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7A8948
RGB	122, 137, 72
RGB Percent	48%, 54%, 28%
CMY	0.5216, 0.4627, 0.7176
CMYK	0.11, 0.00, 0.47, 0.46
HSL	74°, 31%, 41%
HSV	74°, 47%, 54%
XYZ	18.1414, 22.4968, 9.5170
YIQ	125.1050, 11.9250, -23.3950

# Conversions

## Conversions Part 2

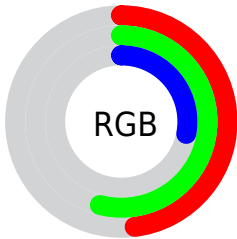
<b>Format</b>	<b>Color</b>
<b>RYB</b>	72, 137, 87
Decimal	8030536
CIELab	54.55, -16.21, 32.88
CIElCh	55, 36.660, 116.249
Yxy	22.4968, 0.3617, 0.4485
Android (android.graphics.Color)	4286220616 (0xFF7A8948)
YUV	125.1050, -26.1808, -2.7231
Hunter-Lab	47.4308, -14.7309, 21.3049

# Details

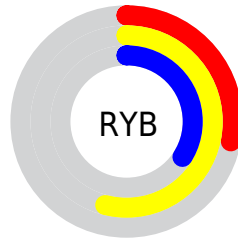
The Hex color **7A8948** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **574889**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **B0BE7A**, and **485719** is the 20% darker color. If you saturate the color by 10%, you get **77893A**, and if you desaturate by 10%, it is **7D8956**.

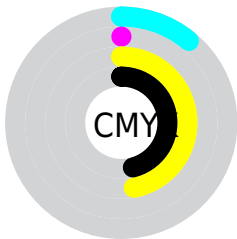
# Distribution



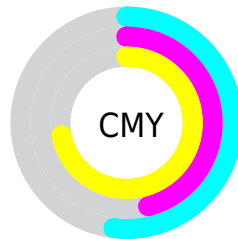
- Red (48%)
- Green (54%)
- Blue (28%)



- Red (28%)
- Yellow (54%)
- Blue (34%)



- Cyan (11%)
- Magenta (0%)
- Yellow (47%)
- Black (46%)



- Cyan (52%)
- Magenta (46%)
- Yellow (72%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7A8948 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 7A8948 by changing the saturation by 10% instead.



 7A8948

 7A8948

FFFFFF

 607030

 B0BE7A

 485719

 CBDA94

 304000

 E8F7AF

 192A00

 FFFFCB

 001700

 FFFF E7

 000000

 7A8948

 7A8948

 77893A

 7D8956

 74892D

 808963

 71891F

 838971

 6D8911

 87897F

 6A8904

 8A898D

 698900

 8D899A

 9089A8

 9389B6

 9689C3

# Harmonies

## Analogous

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



9A7F42



7A8948



54905E

# Triad

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



7A8948



008FB6



BB6988

# Complementary

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



7A8948



574889

# 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.



A670A6



7A8948



4687C1

# Square

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



7A8948



00939D



7F7CBB



BE6B68

# Rectangle

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



7A8948



339272



7F7CBB



B66B92



# Sweetspot

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



7A8948



A DB39A



895648



56594A



D9D9D9



595959



# Same Dimension

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



7A8948



9BB34D



5A8948



43453E



668500



040500



# Inverse Universe

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



574889



644DB3



774889



403E45



1F0085



010005



# Previews

## White Background



This preview shows how the Hex color 7A8948 looks on a white background.

## Color Contrast Check

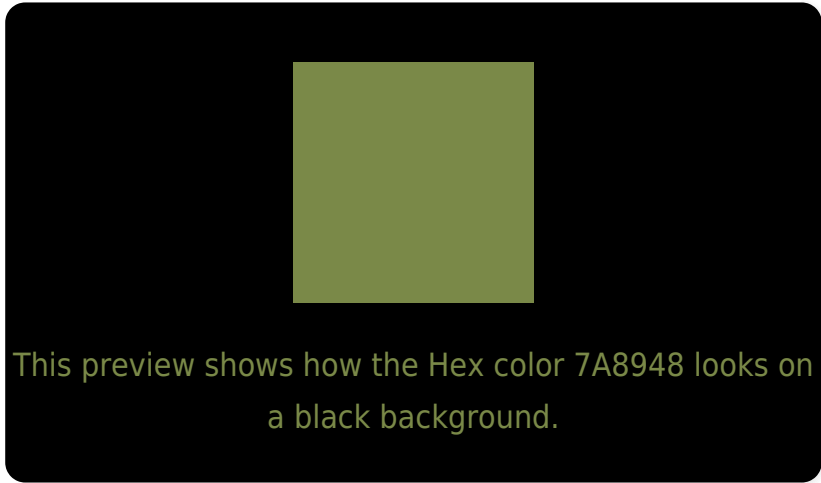
Large Text (above 18pt) WCAG AA ✓ Pass

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

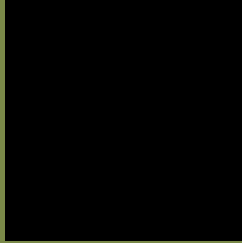
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 7A8948 Background



This preview shows how black text looks on a background with the Hex color 7A8948.



This preview shows how white text looks on a background with the Hex color 7A8948.

# 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



**Original Color**  
7A8948

**Protanopia**  
908246

**Deuteranopia**  
9F7C4B



**Tritanopia**  
82818C

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7A8948 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 #7A8948 looks like.

```
.text, #text, p{  
    color:#7A8948  
}
```

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 #7A8948 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7A8948
}
```

## Border

The CSS property to change the border of an element to Hex 7A8948 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
#7A8948 }
```

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

```
.border{ border-color:#7A8948 }
```

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

Here you see how a box with a 4 pixel #7A8948 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7A8948; -webkit-box-shadow:4px 4px  
4px 4px #7A8948; box-shadow:4px 4px 4px  
4px #7A8948 }
```

# Background

The CSS property to change the background color of an element to Hex 7A8948 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7A8948 }
```

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

```
.background{ background-color:#7A8948 }
```

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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