

# Converting Colors

Hex(8A8C64)

Have a look what the booklet for  
Hex(8A8C64) contains.

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# Color

**Hex(8A8C64)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8A8C64
RGB	138, 140, 100
RGB Percent	54%, 55%, 39%
CMY	0.4588, 0.4510, 0.6078
CMYK	0.01, 0.00, 0.29, 0.45
HSL	63°, 17%, 47%
HSV	63°, 29%, 55%
XYZ	22.1596, 25.0795, 15.7295
YIQ	134.8420, 11.6480, -12.8640

# Conversions

## Conversions Part 2

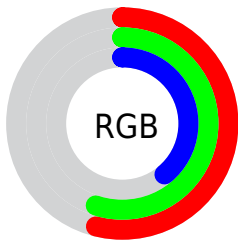
<b>Format</b>	<b>Color</b>
<b>RYB</b>	100, 140, 102
Decimal	9079908
CIELab	57.15, -7.58, 21.18
CIELCh	57, 22.499, 109.684
Yxy	25.0795, 0.3519, 0.3983
Android (android.graphics.Color)	4287269988 (0xFF8A8C64)
YUV	134.8420, -17.1771, 2.7696
Hunter-Lab	50.0795, -8.6550, 16.4332

# Details

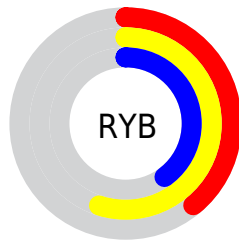
The Hex color **8A8C64** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **66648C**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **C0C197**, and **575A35** is the 20% darker color. If you saturate the color by 10%, you get **898C56**, and if you desaturate by 10%, it is **8B8C72**.

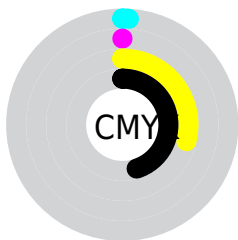
# Distribution



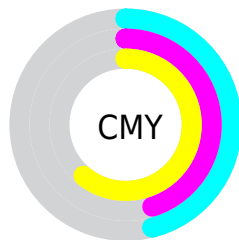
- Red (54%)
- Green (55%)
- Blue (39%)



- Red (39%)
- Yellow (55%)
- Blue (40%)



- Cyan (1%)
- Magenta (0%)
- Yellow (29%)
- Black (45%)



- Cyan (46%)
- Magenta (45%)
- Yellow (61%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8A8C64 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 8A8C64 by changing the saturation by 10% instead.





8A8C64



8A8C64

FFFFFF



70734C



C0C197



575A35



DCDDB2



40431F



F9FACE



292D08



FFFEEA



121800



000000



8A8C64



8A8C64



898C56



8B8C72



898C48



8B8C80

■ 888C3A

■ 8C8C8E

■ 878C2C

■ 8D8C9C

■ 868C1E

■ 8E8CAA

■ 868C10

■ 8E8CB8

■ 858C02

■ 8F8CC6

■ 858C00

■ 908CD4

■ 908CE2

# Harmonies

## Analogous

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



9E8663



8A8C64



74916F

# Triad

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



8A8C64



5292A6



AC7B91

# Complementary

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



8A8C64



66648C

# 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.



9C80A3



8A8C64



678DAF

# Square

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



8A8C64



509496



8387AE



B17B7D

# Rectangle

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



8A8C64



65937B



8387AE



A87D97



# Sweetspot

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



8A8C64



B4B5A5



8C6664



5B5C52



DBDBDB



5C5C5C



# Same Dimension

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



8A8C64



B2B577



768C64



45453E



7E8500



050500



# Inverse Universe

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



66648C



7B77B5



7A648C



3E3E45



070085



000005



# Previews

## White Background



This preview shows how the Hex color 8A8C64 looks on a white background.

## Color Contrast Check

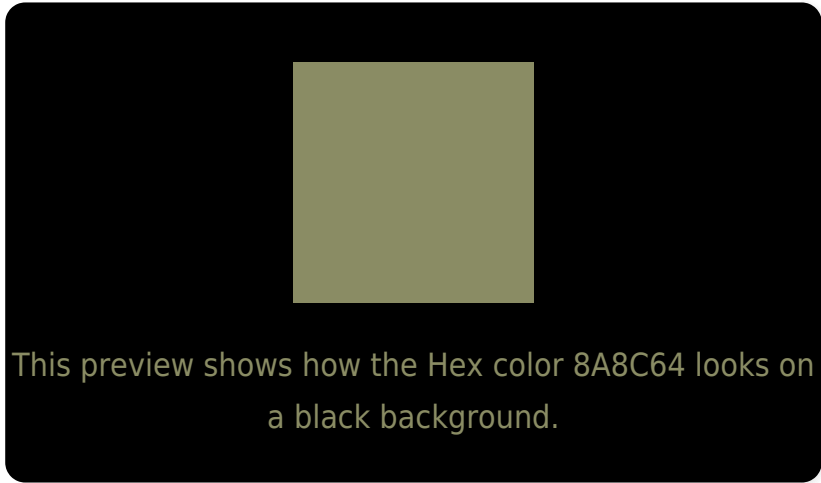
Large Text (above 18pt) WCAG AA ✓ Pass

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

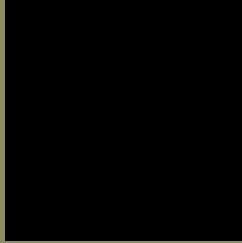
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

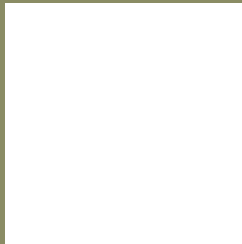
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 8A8C64 Background



This preview shows how black text looks on a background with the Hex color 8A8C64.



This preview shows how white text looks on a background with the Hex color 8A8C64.

# 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**  
8A8C64

**Protanopia**  
948963

**Deuteranopia**  
A28366



**Tritanopia**  
908691

# Trichromacy



**Original Color**  
8A8C64

**Protanomaly**  
908A63

**Deuteranomaly**  
998665

**Tritanomaly**  
8E8881

# Monochromacy



**Original Color**  
8A8C64

**Achromatopsia**  
878787

**Achromatomaly**  
88897A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8A8C64 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 #8A8C64 looks like.

```
.text, #text, p{  
    color:#8A8C64  
}
```

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 #8A8C64 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8A8C64
}
```

## Border

The CSS property to change the border of an element to Hex 8A8C64 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
#8A8C64 }
```

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

```
.border{ border-color:#8A8C64 }
```

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

Here you see how a box with a 4 pixel #8A8C64 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8A8C64; -webkit-box-shadow:4px 4px  
4px 4px #8A8C64; box-shadow:4px 4px 4px  
4px #8A8C64 }
```

# Background

The CSS property to change the background color of an element to Hex 8A8C64 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8A8C64 }
```

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

```
.background{ background-color:#8A8C64 }
```

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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