

# Converting Colors

Hex(489A67)

Have a look what the booklet for  
Hex(489A67) contains.

<b>Hex(489A67)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(489A67)**

# Conversions

## Conversions Part 1

Format	Color
Hex	489A67
RGB	72, 154, 103
RGB Percent	28%, 60%, 40%
CMY	0.7176, 0.3961, 0.5961
CMYK	0.53, 0.00, 0.33, 0.40
HSL	143°, 36%, 44%
HSV	143°, 53%, 60%
XYZ	16.6763, 25.4682, 16.8689
YIQ	123.6680, -32.5010, -33.2450

# Conversions

## Conversions Part 2

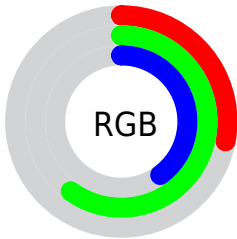
Format	Color
<a href="#">RYB</a>	<a href="#">72, 132, 154</a>
Decimal	<a href="#">4758119</a>
CIELab	<a href="#">57.53, -37.02, 19.36</a>
CIElCh	<a href="#">58, 41.776, 152.397</a>
Yxy	<a href="#">25.4682, 0.2826, 0.4316</a>
Android (android.graphics.Color)	<a href="#">4282948199 (0xFF489A67)</a>
YUV	<a href="#">123.6680, -10.1893, -45.3128</a>
Hunter-Lab	<a href="#">50.4660, -29.3310, 15.5078</a>

# Details

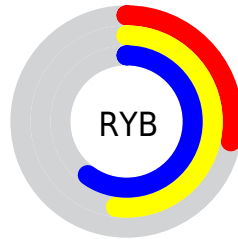
The Hex color **489A67** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **9A487B**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **7ED19A**, and **066637** is the 20% darker color. If you saturate the color by 10%, you get **399A5D**, and if you desaturate by 10%, it is **579A71**.

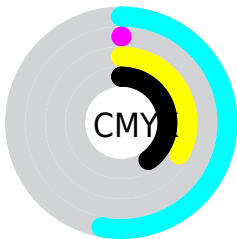
# Distribution



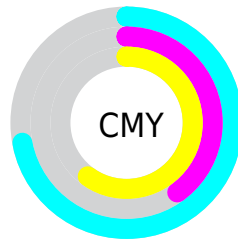
- Red (28%)
- Green (60%)
- Blue (40%)



- Red (28%)
- Yellow (52%)
- Blue (60%)



- Cyan (53%)
- Magenta (0%)
- Yellow (33%)
- Black (40%)



- Cyan (72%)
- Magenta (40%)
- Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 489A67 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 489A67 by changing the saturation by 10% instead.





489A67



489A67

FFFFFF



2C804F



7ED19A



066637



9AEEB5



004D21



B6FFD1



00360C



D2FFED



002200



F0FFFF



000000



489A67



489A67



399A5D



579A71



299A54



679A7A

■ 1A9A4A

■ 769A84

■ 0A9A41

■ 869A8D

■ 009A3A

■ 959A97

■ A49AA0

■ B49AAA

■ C39AB4

■ D39ABD

# Harmonies

## Analogous

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



78934A



489A67



009D8C

# Triad

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



489A67



518DD3



CD7065

# Complementary

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



489A67



9A487B

# 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.



CD6C89



489A67



917FC8

# Square

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



489A67



0097CA



BA72AD



BB7C4A

# Rectangle

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



489A67



009DA5



BA72AD



CF6D70



# Sweetspot

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



489A67



A9C9B5



7C9A48



53665A



E6E6E6



666666



# Same Dimension

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



489A67



49C979



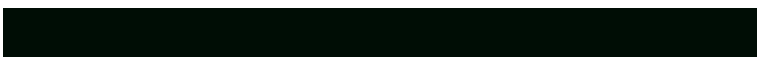
489A8F



454D48



008C35



000D05



# Inverse Universe

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



9A487B



C94999



9A4853



4D454A



8C0057



0D0008



# Previews

## White Background



This preview shows how the Hex color 489A67 looks on a white background.

## Color Contrast Check

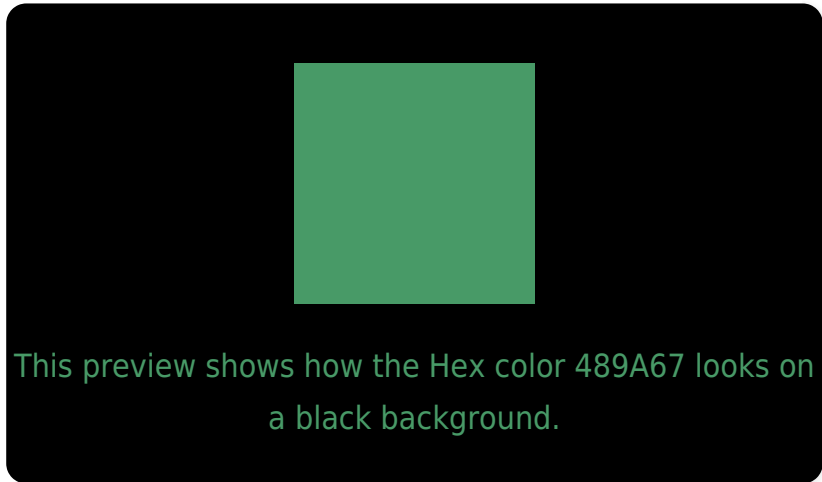
Large Text (above 18pt) WCAG AA ✓ Pass

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

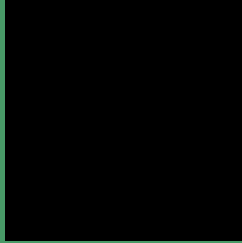
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 489A67 Background



This preview shows how black text looks on a background with the Hex color 489A67.



This preview shows how white text looks on a background with the Hex color 489A67.

# 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**  
57939F

# Trichromacy



**Original Color**  
489A67



**Protanomaly**  
788F63



**Deuteranomaly**  
818C6A



**Tritanomaly**  
52968B

# Monochromacy



**Original Color**  
489A67



**Achromatopsia**  
7C7C7C



**Achromatomaly**  
698774

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 489A67 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 #489A67 looks like.

```
.text, #text, p{  
    color:#489A67  
}
```

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 #489A67 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #489A67  
}
```

## Border

The CSS property to change the border of an element to Hex 489A67 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  
#489A67 }
```

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

```
.border{ border-color:#489A67 }
```

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

Here you see how a box with a 4 pixel #489A67 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #489A67; -webkit-box-shadow:4px 4px  
4px 4px #489A67; box-shadow:4px 4px 4px  
4px #489A67 }
```

# Background

The CSS property to change the background color of an element to Hex 489A67 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#489A67 }
```

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

```
.background{ background-color:#489A67 }
```

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