

# Converting Colors

Hex(4A8069)

Have a look what the booklet for  
Hex(4A8069) contains.

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**Color**

**Hex(4A8069)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4A8069
RGB	74, 128, 105
RGB Percent	29%, 50%, 41%
CMY	0.7098, 0.4980, 0.5882
CMYK	0.42, 0.00, 0.18, 0.50
HSL	154°, 27%, 40%
HSV	154°, 42%, 50%
XYZ	13.0930, 17.9141, 16.1323
YIQ	109.2320, -24.8010, -18.6010

# Conversions

## Conversions Part 2

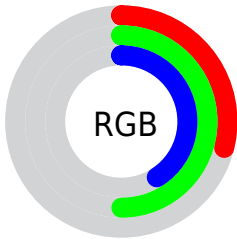
<b>Format</b>	<b>Color</b>
<b>RYB</b>	74, 108, 128
Decimal	4882537
CIELab	49.39, -23.63, 6.91
CIELCh	49, 24.624, 163.692
Yxy	17.9141, 0.2778, 0.3800
Android (android.graphics.Color)	4283072617 (0xFF4A8069)
YUV	109.2320, -2.0864, -30.8985
Hunter-Lab	42.3251, -18.8509, 7.0290

# Details

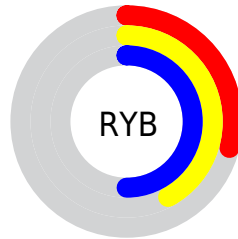
The Hex color **4A8069** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **804A61**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **7DB59C**, and **174E3A** is the 20% darker color. If you saturate the color by 10%, you get **3D8064**, and if you desaturate by 10%, it is **57806E**.

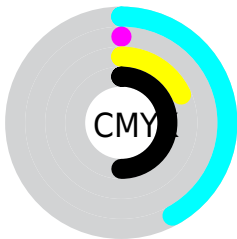
# Distribution



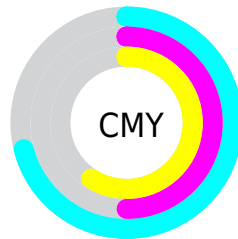
- Red (29%)
- Green (50%)
- Blue (41%)



- Red (29%)
- Yellow (42%)
- Blue (50%)



- Cyan (42%)
- Magenta (0%)
- Yellow (18%)
- Black (50%)



- Cyan (71%)
- Magenta (50%)
- Yellow (59%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4A8069 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 4A8069 by changing the saturation by 10% instead.





4A8069



4A8069

FFFFFF



316751



7DB59C



174E3A



98D1B7



003724



B3EDD3



00220F



CFFFEF



000000



ECFFFF



4A8069



4A8069



3D8064



57806E



30805E



648074

■ 248059

■ 708079

■ 178053

■ 7D807F

■ 0A804E

■ 8A8084

■ 008049

■ 97808A

■ A4808F

■ B08095

■ BD809A

# Harmonies

## Analogous

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



637D57



4A8069



34817F

# Triad

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



4A8069



68749E



9B6A5A

# Complementary

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



4A8069



804A61

# 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.



9F666C



4A8069



846D94

# Square

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



4A8069



487B9D



976782



8E704E

# Rectangle

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



4A8069



2E808C



976782



9E685F



# Sweetspot

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



4A8069



90A69D



61804A



47544E



D4D4D4



545454



# Same Dimension

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



4A8069



51A682



4A7C80



39403D



008049



000000



# Inverse Universe

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



804A61



A65175



804E4A



40393C



800036



000000



# Previews

## White Background



This preview shows how the Hex color 4A8069 looks on a white background.

## Color Contrast Check

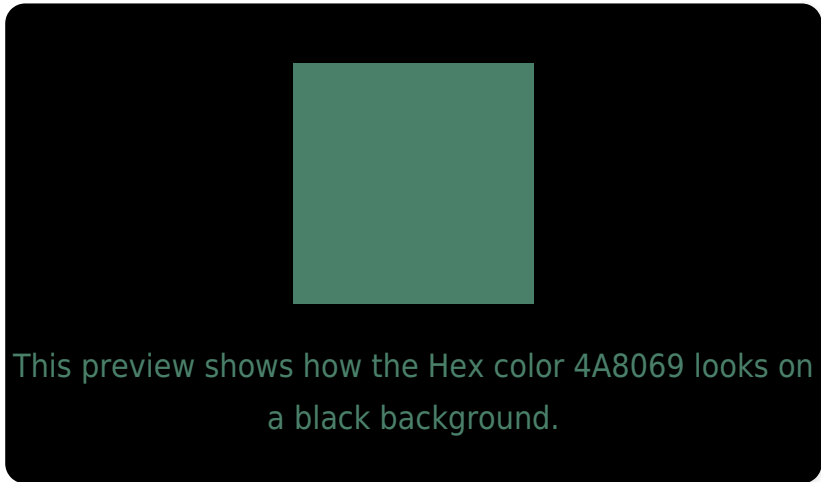
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

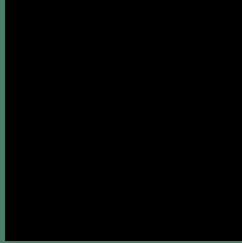
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 4A8069 Background



This preview shows how black text looks on a background with the Hex color 4A8069.

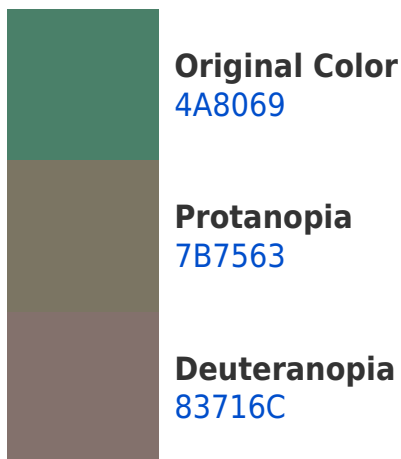



This preview shows how white text looks on a background with the Hex color 4A8069.

# 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**  
517C86

# Trichromacy



**Original Color**  
4A8069

**Protanomaly**  
697965

**Deuteranomaly**  
6E766B

**Tritanomaly**  
4E7D7B

# Monochromacy



**Original Color**  
4A8069

**Achromatopsia**  
6D6D6D

**Achromatomaly**  
60746C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4A8069 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 #4A8069 looks like.

```
.text, #text, p{  
    color:#4A8069  
}
```

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 #4A8069 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4A8069
}
```

## Border

The CSS property to change the border of an element to Hex 4A8069 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
#4A8069 }
```

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

```
.border{ border-color:#4A8069 }
```

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

Here you see how a box with a 4 pixel #4A8069 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4A8069; -webkit-box-shadow:4px 4px  
4px 4px #4A8069; box-shadow:4px 4px 4px  
4px #4A8069 }
```

# Background

The CSS property to change the background color of an element to Hex 4A8069 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4A8069 }
```

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

```
.background{ background-color:#4A8069 }
```

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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