

# Converting Colors

Hex(4A9689)

Have a look what the booklet for  
Hex(4A9689) contains.

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**Color**

**Hex(4A9689)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4A9689
RGB	74, 150, 137
RGB Percent	29%, 59%, 54%
CMY	0.7098, 0.4118, 0.4627
CMYK	0.51, 0.00, 0.09, 0.41
HSL	170°, 34%, 44%
HSV	170°, 51%, 59%
XYZ	18.2457, 25.0747, 27.5452
YIQ	125.7940, -41.1230, -20.1550

# Conversions

## Conversions Part 2

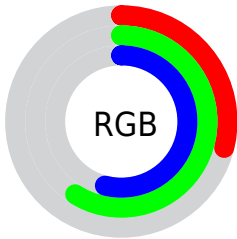
<b>Format</b>	<b>Color</b>
<b>RYB</b>	74, 116, 150
Decimal	4888201
CIELab	57.15, -26.86, -0.37
CIElCh	57, 26.864, 180.796
Yxy	25.0747, 0.2575, 0.3538
Android (android.graphics.Color)	4283078281 (0xFF4A9689)
YUV	125.7940, 5.5246, -45.4233
Hunter-Lab	50.0746, -22.5904, 2.4379

# Details

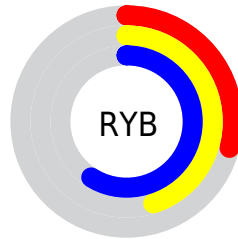
The Hex color **4A9689** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **964A57**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **80CDBE**, and **0A6357** is the 20% darker color. If you saturate the color by 10%, you get **3B9686**, and if you desaturate by 10%, it is **59968C**.

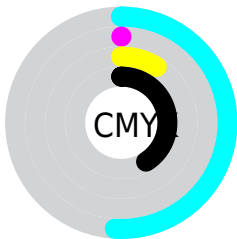
# Distribution



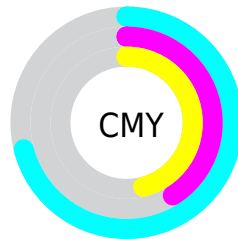
- Red (29%)
- Green (59%)
- Blue (54%)



- Red (29%)
- Yellow (45%)
- Blue (59%)



- Cyan (51%)
- Magenta (0%)
- Yellow (9%)
- Black (41%)



- Cyan (71%)
- Magenta (41%)
- Yellow (46%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4A9689 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 4A9689 by changing the saturation by 10% instead.





4A9689



4A9689

FFFFFF



2E7C70



80CDBE



0A6357



9CE9DA



004A40



B8FFF7



00332A



D4FFFF



002016



F2FFFF



000000



4A9689



4A9689



3B9686



59968C



2C9684



68968E

■ 1D9681

■ 779691

■ 0E967F

■ 869693

■ 00967C

■ 959696

■ A49698

■ B3969B

■ C2969E

■ D196A0

# Harmonies

## Analogous

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



659472



4A9689



3B95A0

# Triad

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



4A9689



8D83B1



AC8061

# Complementary

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



4A9689



964A57

# 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.



B77A72



4A9689



A87BA0

# Square

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



4A9689



6B8BB8



B67889



99885A

# Rectangle

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



4A9689



4193AD



B67889



B17D66



# Sweetspot

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



4A9689



A5C2BD



58964A



4F615E



E0E0E0



616161



# Same Dimension

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



4A9689



4CC2AE



4A7E96



434A49



008A72



000A08



# Inverse Universe

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



964A57



C24C60



96624A



4A4344



8A0018

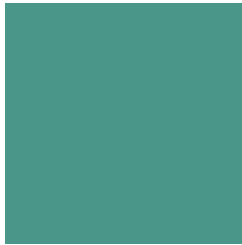


0A0002



# Previews

## White Background



This preview shows how the Hex color 4A9689 looks on a white background.

## Color Contrast Check

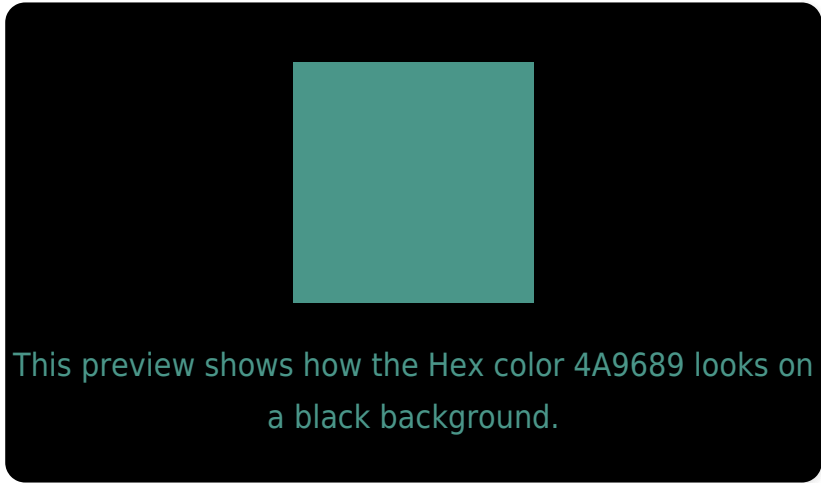
Large Text (above 18pt) WCAG AA ✓ Pass

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

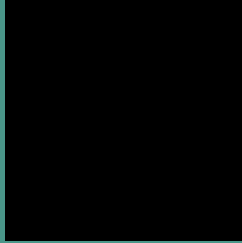
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 4A9689 Background



This preview shows how black text looks on a background with the Hex color 4A9689.

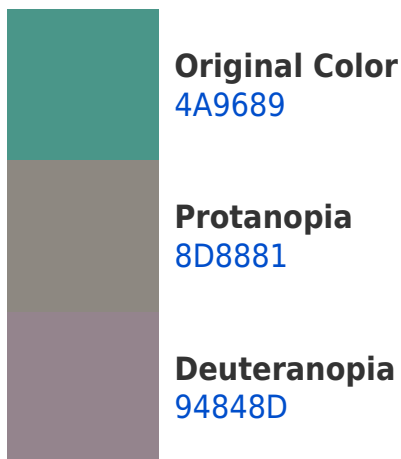


This preview shows how white text looks on a background with the Hex color 4A9689.

# 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



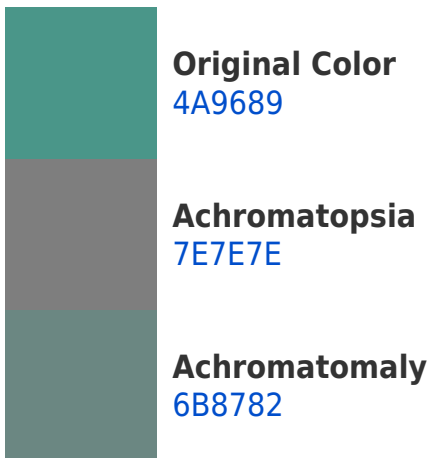


**Tritanopia**  
51939F

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4A9689 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 #4A9689 looks like.

```
.text, #text, p{  
    color:#4A9689  
}
```

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 #4A9689 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4A9689
}
```

## Border

The CSS property to change the border of an element to Hex 4A9689 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
#4A9689 }
```

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

```
.border{ border-color:#4A9689 }
```

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

Here you see how a box with a 4 pixel #4A9689 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4A9689; -webkit-box-shadow:4px 4px  
4px 4px #4A9689; box-shadow:4px 4px 4px  
4px #4A9689 }
```

# Background

The CSS property to change the background color of an element to Hex 4A9689 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4A9689 }
```

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

```
.background{ background-color:#4A9689 }
```

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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