

# Converting Colors

Hex(469883)

Have a look what the booklet for  
Hex(469883) contains.

<b>Hex(469883)</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(469883)

# Conversions

## Conversions Part 1

Format	Color
Hex	469883
RGB	70, 152, 131
RGB Percent	27%, 60%, 51%
CMY	0.7255, 0.4039, 0.4863
CMYK	0.54, 0.00, 0.14, 0.40
HSL	165°, 37%, 44%
HSV	165°, 54%, 60%
XYZ	17.8508, 25.3973, 25.4341
YIQ	125.0880, -42.1310, -23.9150

# Conversions

## Conversions Part 2

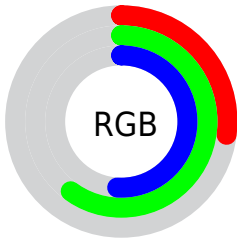
<b>Format</b>	<b>Color</b>
<b>RYB</b>	70, 117, 152
Decimal	4626563
CIELab	57.46, -30.30, 3.48
CIElCh	57, 30.503, 173.443
Yxy	25.3973, 0.2599, 0.3698
Android (android.graphics.Color)	4282816643 (0xFF469883)
YUV	125.0880, 2.9146, -48.3122
Hunter-Lab	50.3957, -24.9656, 5.3541

# Details

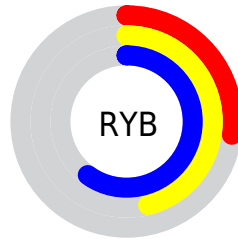
The Hex color **469883** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **98465B**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **7DCFB8**, and **006452** is the 20% darker color. If you saturate the color by 10%, you get **37987F**, and if you desaturate by 10%, it is **559887**.

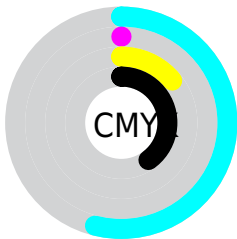
# Distribution



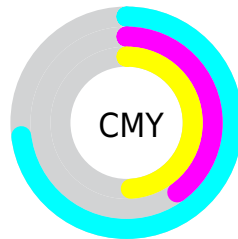
- Red (27%)
- Green (60%)
- Blue (51%)



- Red (27%)
- Yellow (46%)
- Blue (60%)



- Cyan (54%)
- Magenta (0%)
- Yellow (14%)
- Black (40%)



- Cyan (73%)
- Magenta (40%)
- Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 469883 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 469883 by changing the saturation by 10% instead.



 469883

 469883

FFFFFF

 297E6A

 7DCFB8

 006452

 98EBD4

 004C3B

 B4FFF0

 003525

 D1FFFF

 002110

 EEEFFF

 000000

 469883

 469883

 37987F

 559887

 28987B

 64988B

■ 189877

■ 74988F

■ 099873

■ 839893

■ 009871

■ 929896

■ A1989A

■ B0989E

■ C098A2

■ CF98A6

# Harmonies

## Analogous

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



689569



469883



28989E

# Triad

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



469883



8585BB



B57D60

# Complementary

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



469883



98465B

# 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.



BE7776



469883



A67CAA

# Square

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



469883



5B8EBE



BA7691



A18655

# Rectangle

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



469883



2796AE



BA7691



B97B67



# Sweetspot

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



469883



A5C4BC



5C9846



51635F



E3E3E3



636363



# Same Dimension

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



469883



45C4A4



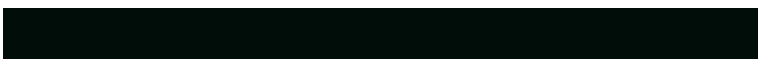
468598



454D4B



008C68



000D09



# Inverse Universe

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



98465B



C44565



985946



4D4547



8C0024

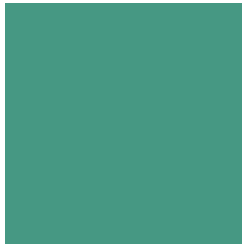


0D0003



# Previews

## White Background



This preview shows how the Hex color 469883 looks on a white background.

## Color Contrast Check

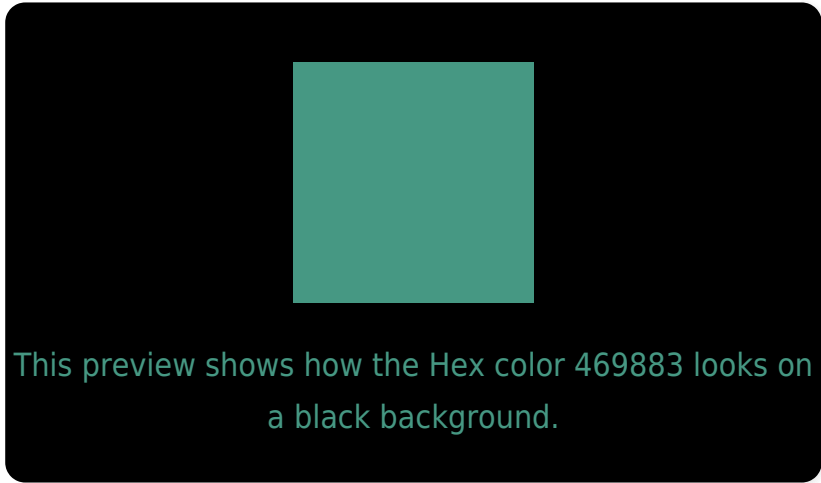
Large Text (above 18pt) WCAG AA ✓ Pass

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 469883 Background



This preview shows how black text looks on a background with the Hex color 469883.

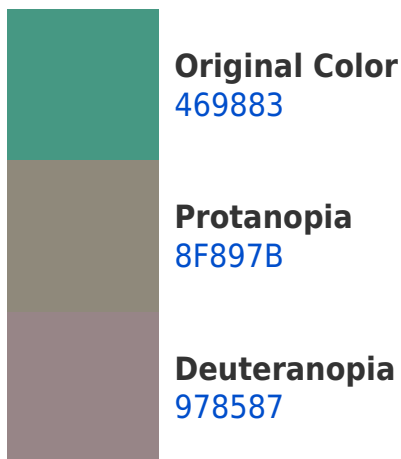


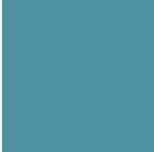
This preview shows how white text looks on a background with the Hex color 469883.

# 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](#).

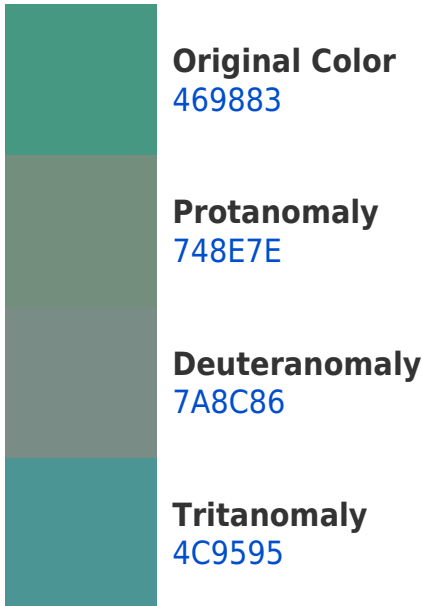
## Dichromacy



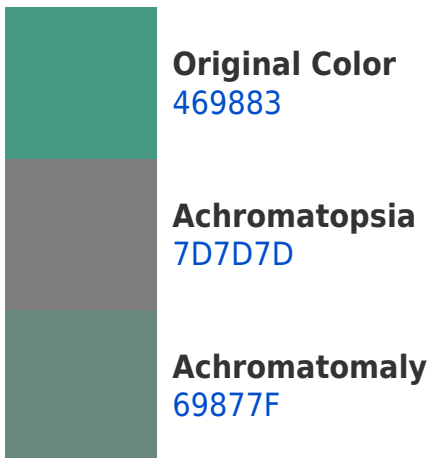


**Tritanopia**  
4F94A0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 469883 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 #469883 looks like.

```
.text, #text, p{  
    color:#469883  
}
```

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 #469883 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #469883
}
```

## Border

The CSS property to change the border of an element to Hex 469883 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
#469883 }
```

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

```
.border{ border-color:#469883 }
```

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

Here you see how a box with a 4 pixel #469883 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #469883; -webkit-box-shadow:4px 4px  
4px 4px #469883; box-shadow:4px 4px 4px  
4px #469883 }
```

# Background

The CSS property to change the background color of an element to Hex 469883 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#469883 }
```

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

```
.background{ background-color:#469883 }
```

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