

# Converting Colors

Hex(409987)

Have a look what the booklet for  
Hex(409987) contains.

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**Color**

**Hex(409987)**

# Conversions

## Conversions Part 1

Format	Color
Hex	409987
RGB	64, 153, 135
RGB Percent	25%, 60%, 53%
CMY	0.7490, 0.4000, 0.4706
CMYK	0.58, 0.00, 0.12, 0.40
HSL	168°, 41%, 43%
HSV	168°, 58%, 60%
XYZ	17.8788, 25.6217, 26.9248
YIQ	124.3370, -47.2660, -24.4660

# Conversions

## Conversions Part 2

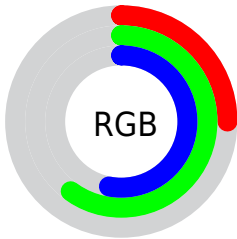
<b>Format</b>	<b>Color</b>
<b>RYB</b>	64, 114, 153
Decimal	4233607
CIELab	57.68, -31.08, 1.49
CIElCh	58, 31.120, 177.248
Yxy	25.6217, 0.2539, 0.3638
Android (android.graphics.Color)	4282423687 (0xFF409987)
YUV	124.3370, 5.2569, -52.9155
Hunter-Lab	50.6179, -25.5333, 3.8948

# Details

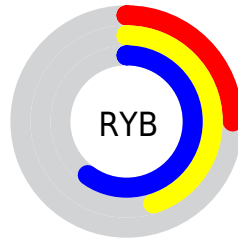
The Hex color **409987** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **994052**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **78D0BC**, and **006555** is the 20% darker color. If you saturate the color by 10%, you get **319984**, and if you desaturate by 10%, it is **4F998A**.

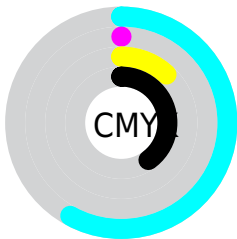
# Distribution



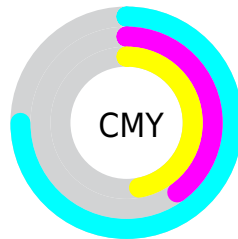
- Red (25%)
- Green (60%)
- Blue (53%)



- Red (25%)
- Yellow (45%)
- Blue (60%)



- Cyan (58%)
- Magenta (0%)
- Yellow (12%)
- Black (40%)



- Cyan (75%)
- Magenta (40%)
- Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 409987 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 409987 by changing the saturation by 10% instead.



 409987

 409987

FFFFFF

 207F6E

 78D0BC

 006555

 94ECD8

 004D3E

 B0FFF4

 003528

 CDFFFF

 002214

 EAFFFF

 000000

 409987

 409987

 319984

 4F998A

 219981

 5F998D

■ 12997E

■ 6E9990

■ 03997B

■ 7D9993

■ 00997A

■ 8C9996

■ 9C999A

■ AB999D

■ BA99A0

■ CA99A3

# Harmonies

## Analogous

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



63966C



409987



2199A2

# Triad

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



409987



8A84BB



B47F5E

# Complementary

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



409987



994052

# 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.



BF7773



409987



AB7BA8

# Square

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



409987



608EC0



BD768E



9F8854

# Rectangle

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



409987



2697B2



BD768E



B97C64



# Sweetspot

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



409987



A5C7C0



539940



50635F



E3E3E3



636363



# Same Dimension

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



409987



3CC7AB



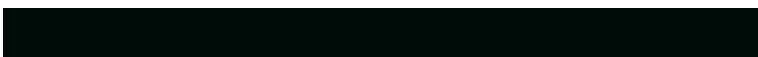
408099



454D4B



008C70



000D0A



# Inverse Universe

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



994052



C73C58



995940



4D4546



8C001C

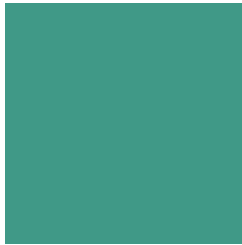


0D0003



# Previews

## White Background



This preview shows how the Hex color 409987 looks on a white background.

## Color Contrast Check

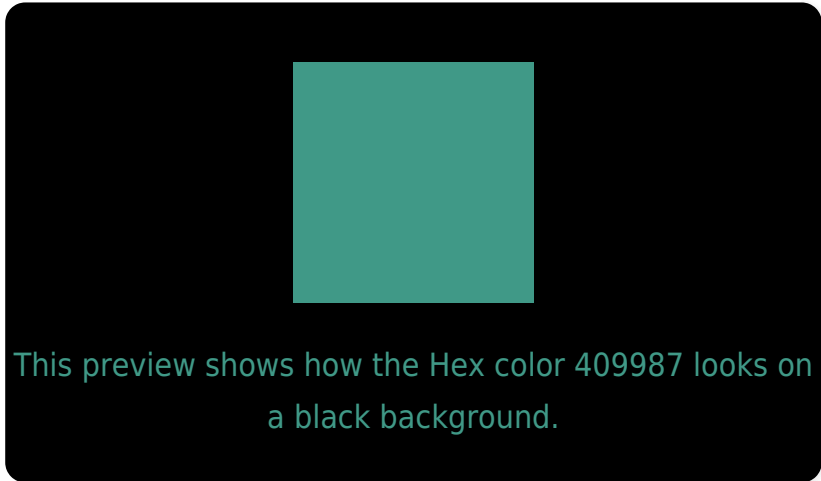
Large Text (above 18pt) WCAG AA ✓ Pass

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

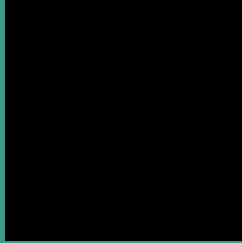
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 409987 Background



This preview shows how black text looks on a background with the Hex color 409987.

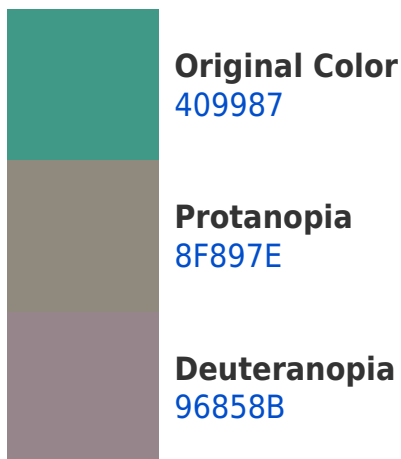


This preview shows how white text looks on a background with the Hex color 409987.

# 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](#).

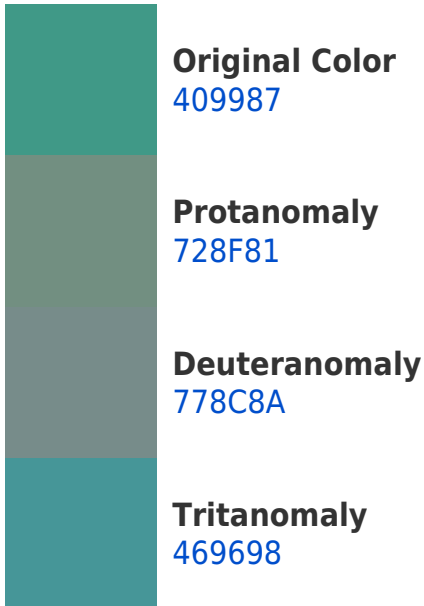
## Dichromacy





**Tritanopia**  
4A95A1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 409987 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 #409987 looks like.

```
.text, #text, p{  
    color:#409987  
}
```

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 #409987 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #409987
}
```

## Border

The CSS property to change the border of an element to Hex 409987 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
#409987 }
```

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

```
.border{ border-color:#409987 }
```

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

Here you see how a box with a 4 pixel #409987 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #409987; -webkit-box-shadow:4px 4px  
4px 4px #409987; box-shadow:4px 4px 4px  
4px #409987 }
```

# Background

The CSS property to change the background color of an element to Hex 409987 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#409987 }
```

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

```
.background{ background-color:#409987 }
```

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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