

# Converting Colors

Hex(409993)

Have a look what the booklet for  
Hex(409993) contains.

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**Color**

**Hex(409993)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	409993
RGB	64, 153, 147
RGB Percent	25%, 60%, 58%
CMY	0.7490, 0.4000, 0.4235
CMYK	0.58, 0.00, 0.04, 0.40
HSL	176°, 41%, 43%
HSV	176°, 58%, 60%
XYZ	18.7720, 25.9790, 31.6288
YIQ	125.7050, -51.1180, -20.7340

# Conversions

## Conversions Part 2

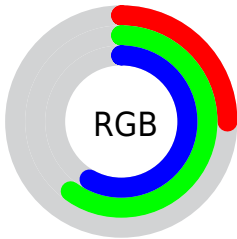
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	64, 110, 153
Decimal	4233619
CIE Lab	58.02, -27.86, -4.84
CIE LCh	58, 28.277, 189.856
Yxy	25.9790, 0.2458, 0.3401
Android (android.graphics.Color)	4282423699 (0xFF409993)
YUV	125.7050, 10.4984, -54.1153
Hunter-Lab	50.9696, -23.4556, -1.1132

# Details

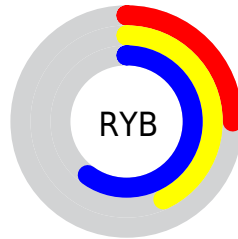
The Hex color **409993** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **994046**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **79D0C9**, and **006561** is the 20% darker color. If you saturate the color by 10%, you get **319992**, and if you desaturate by 10%, it is **4F9994**.

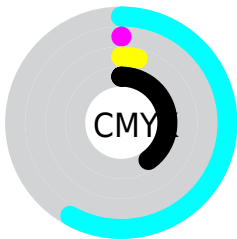
# Distribution



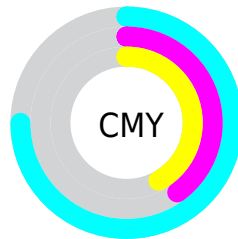
- Red (25%)
- Green (60%)
- Blue (58%)



- Red (25%)
- Yellow (43%)
- Blue (60%)



- Cyan (58%)
- Magenta (0%)
- Yellow (4%)
- Black (40%)



- Cyan (75%)
- Magenta (40%)
- Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 409993 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 409993 by changing the saturation by 10% instead.



 409993

 409993

FFFFFF

 1F7F79

 79D0C9

 006561

 95ECE5

 004D49

 B1FFFF

 003632

 CEFFFF

 00221D


 EBFFFF

 000003

 000000

 409993

 409993

 319992

 4F9994

■ 219991

■ 5F9995

■ 129990

■ 6E9996

■ 03998F

■ 7D9997

■ 00998F

■ 8C9998

■ 9C9999

■ AB999A

■ BA999B

■ CA999C

# Harmonies

## Analogous

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



5C987A



409993



3797AA

# Triad

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



409993



9982B1



AB845D

# Complementary

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



409993



994046

# 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.



B97C6D



409993



B17B9D

# Square

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



409993



768BBC



BC7984



948D5A

# Rectangle

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



409993



4595B5



BC7984



B18161



# Sweetspot

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



409993



A5C7C5



479940



506362



E3E3E3



636363



# Same Dimension

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



409993



3CC7BE



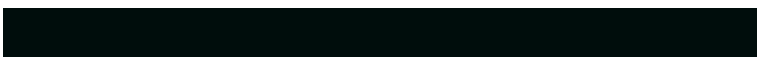
407499



454D4C



008C83



000D0C



# Inverse Universe

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



994046



C73C45



996540



4D4545



8C0009

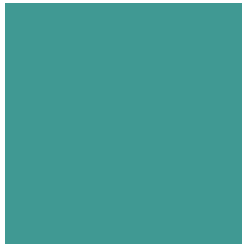


0D0001



# Previews

## White Background



This preview shows how the Hex color 409993 looks on a white background.

## Color Contrast Check

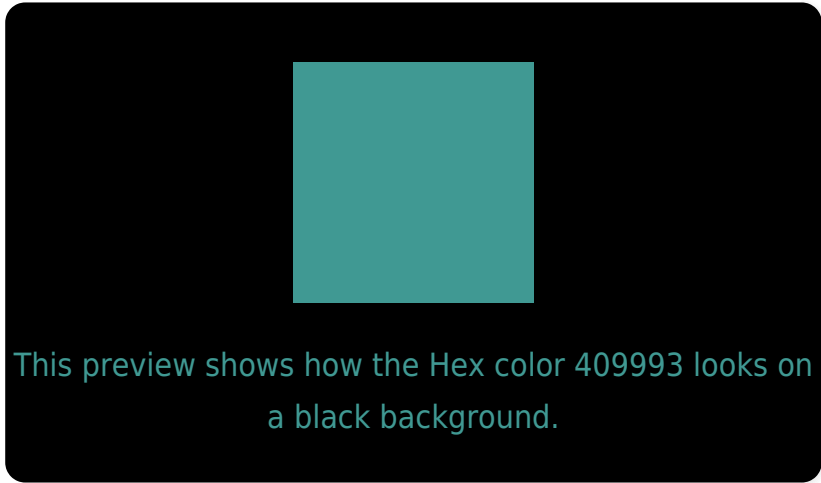
Large Text (above 18pt) WCAG AA ✓ Pass

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

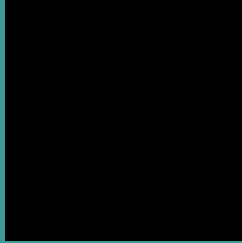
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 409993 Background



This preview shows how black text looks on a background with the Hex color 409993.

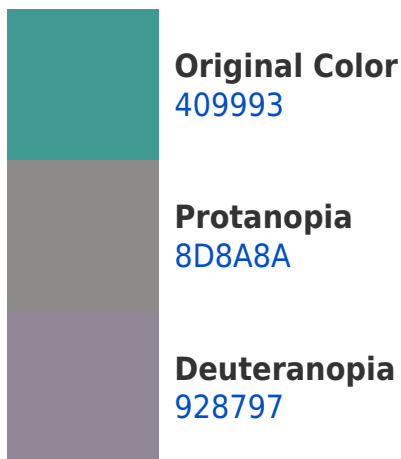


This preview shows how white text looks on a background with the Hex color 409993.

# 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](#).

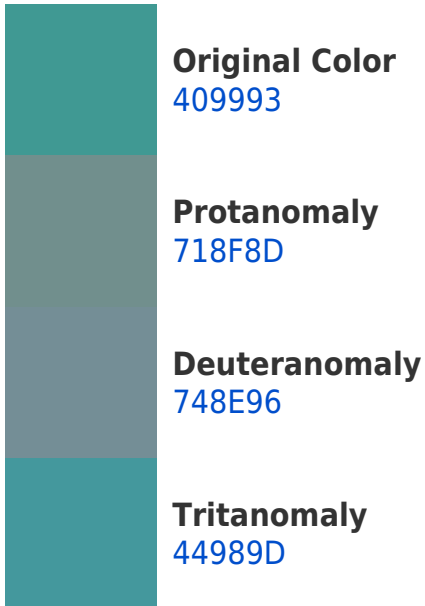
## Dichromacy



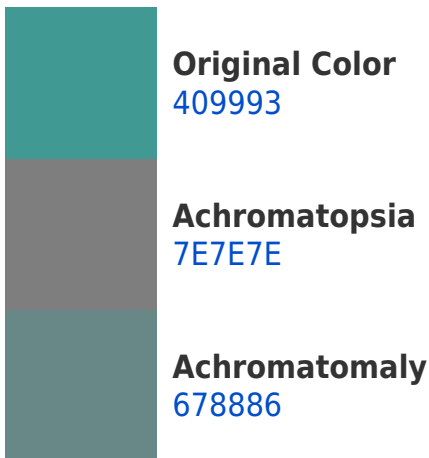


**Tritanopia**  
4697A3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 409993 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 #409993 looks like.

```
.text, #text, p{  
    color:#409993  
}
```

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 #409993 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #409993
}
```

## Border

The CSS property to change the border of an element to Hex 409993 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
#409993 }
```

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

```
.border{ border-color:#409993 }
```

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

Here you see how a box with a 4 pixel #409993 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #409993; -webkit-box-shadow:4px 4px  
4px 4px #409993; box-shadow:4px 4px 4px  
4px #409993 }
```

# Background

The CSS property to change the background color of an element to Hex 409993 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#409993 }
```

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

```
.background{ background-color:#409993 }
```

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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