

# Converting Colors

Hex(409898)

Have a look what the booklet for  
Hex(409898) contains.

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**Color**

**Hex(409898)**

# Conversions

## Conversions Part 1

Format	Color
Hex	409898
RGB	64, 152, 152
RGB Percent	25%, 60%, 60%
CMY	0.7490, 0.4039, 0.4039
CMYK	0.58, 0.00, 0.00, 0.40
HSL	180°, 41%, 42%
HSV	180°, 58%, 60%
XYZ	19.0101, 25.8135, 33.6863
YIQ	125.6880, -52.4480, -18.6560

# Conversions

## Conversions Part 2

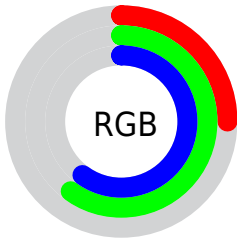
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	64, 108, 152
Decimal	4233368
CIE <sub>Lab</sub>	57.86, -25.95, -7.92
CIE <sub>LCh</sub>	58, 27.137, 196.977
Y <sub>xy</sub>	25.8135, 0.2421, 0.3288
Android (android.graphics.Color)	4282423448 (0xFF409898)
YUV	125.6880, 12.9718, -54.1004
Hunter-Lab	50.8069, -22.1240, -3.7459

# Details

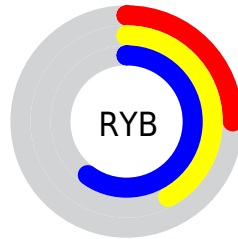
The Hex color **409898** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **984040**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **79CFCE**, and **006565** is the 20% darker color. If you saturate the color by 10%, you get **319898**, and if you desaturate by 10%, it is **4F9898**.

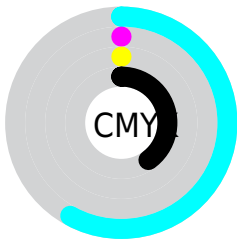
# Distribution



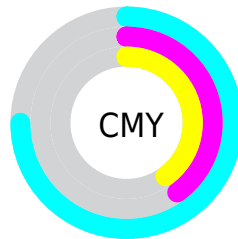
- Red (25%)
- Green (60%)
- Blue (60%)



- Red (25%)
- Yellow (42%)
- Blue (60%)



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



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

# Brightness & Saturation Gradients

These gradients show how the Hex color 409898 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 409898 by changing the saturation by 10% instead.



 409898

 409898

FFFFFF

 1F7E7E

 79CFCE

 006565

 95EBEA

 004C4D

 B2FFFF

 003537

 CEFFFF

 002121


 ECFFFF

 00000A

 000000

 409898

 409898

 319898

 4F9898

■ 229898

■ 5E9898

■ 129898

■ 6E9898

■ 039898

■ 7D9898

■ 009898

■ 8C9898

■ 9B9898

■ AA9898

■ BA9898

■ C99898

# Harmonies

## Analogous

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



579780



409898



4096AD

# Triad

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



409898



9F80AC



A5865D

# Complementary

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



409898



984040

# 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.



B57E69



409898



B37A96

# Square

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



409898



8089B8



BA7A7E



8E8E5D

# Rectangle

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



409898



5192B6



BA7A7E



AB8360



# Sweetspot

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



409898



A3C4C4



409840



506363



E3E3E3



636363



# Same Dimension

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



409898



3DC4C4



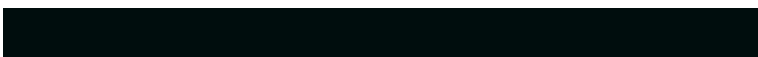
406C98



454D4D



008C8C



000D0D



# Inverse Universe

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



984098



C43DC4



986C40



4D454D



8C008C

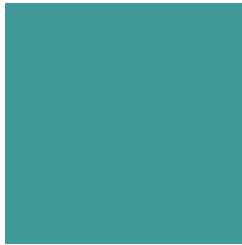


0D000D



# Previews

## White Background



This preview shows how the Hex color 409898 looks on a white background.

## Color Contrast Check

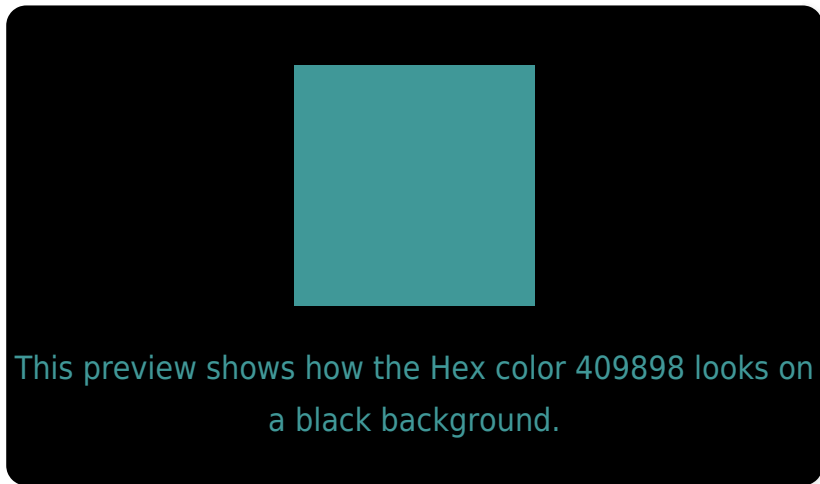
Large Text (above 18pt) WCAG AA ✓ Pass

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

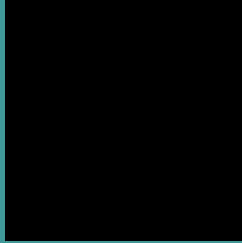
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 409898 Background



This preview shows how black text looks on a background with the Hex color 409898.

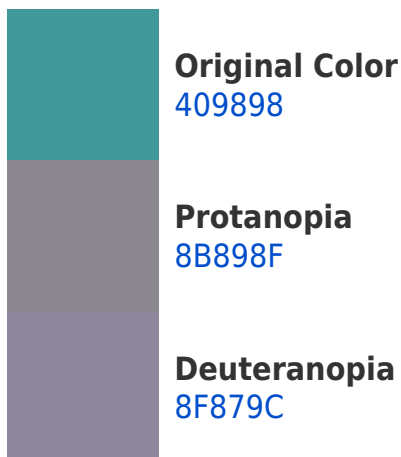


This preview shows how white text looks on a background with the Hex color 409898.

# 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](#).

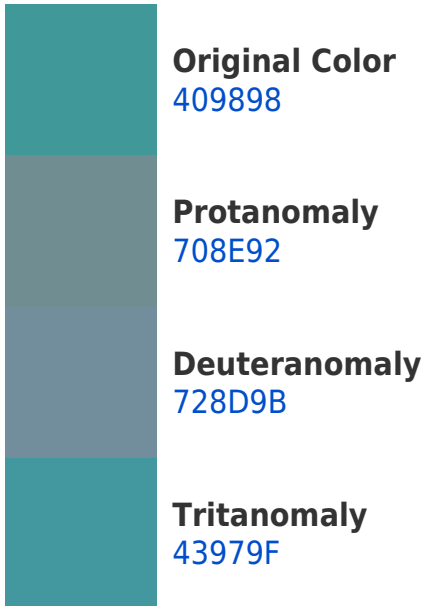
## Dichromacy





**Tritanopia**  
4496A3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 409898 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 #409898 looks like.

```
.text, #text, p{  
    color:#409898  
}
```

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 #409898 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #409898
}
```

## Border

The CSS property to change the border of an element to Hex 409898 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
#409898 }
```

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

```
.border{ border-color:#409898 }
```

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

Here you see how a box with a 4 pixel #409898 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #409898; -webkit-box-shadow:4px 4px  
4px 4px #409898; box-shadow:4px 4px 4px  
4px #409898 }
```

# Background

The CSS property to change the background color of an element to Hex 409898 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#409898 }
```

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

```
.background{ background-color:#409898 }
```

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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