

# Converting Colors

Hex(449193)

Have a look what the booklet for  
Hex(449193) contains.

<b>Hex(449193)</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(449193)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	449193
RGB	68, 145, 147
RGB Percent	27%, 57%, 58%
CMY	0.7333, 0.4314, 0.4235
CMYK	0.54, 0.01, 0.00, 0.42
HSL	182°, 37%, 42%
HSV	182°, 54%, 58%
XYZ	17.7758, 23.5863, 31.2195
YIQ	122.2050, -46.5340, -15.7020

# Conversions

## Conversions Part 2

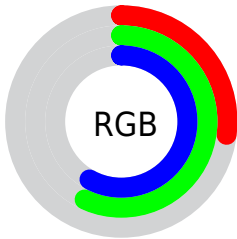
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	68, 107, 147
Decimal	4493715
CIE Lab	55.67, -22.99, -8.31
CIE LCh	56, 24.449, 199.872
Yxy	23.5863, 0.2449, 0.3250
Android (android.graphics.Color)	4282683795 (0xFF449193)
YUV	122.2050, 12.2239, -47.5378
Hunter-Lab	48.5658, -19.6565, -4.1173

# Details

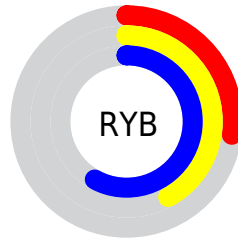
The Hex color **449193** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **934644**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **7BC7C9**, and **005E61** is the 20% darker color. If you saturate the color by 10%, you get **359193**, and if you desaturate by 10%, it is **539193**.

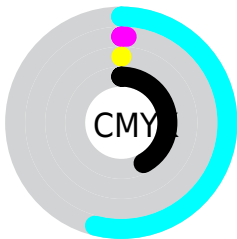
# Distribution



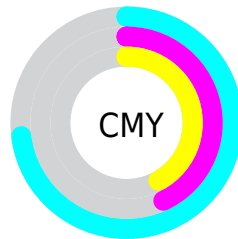
- Red (27%)
- Green (57%)
- Blue (58%)



- Red (27%)
- Yellow (42%)
- Blue (58%)



- Cyan (54%)
- Magenta (1%)
- Yellow (0%)
- Black (42%)



- Cyan (73%)
- Magenta (43%)
- Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 449193 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 449193 by changing the saturation by 10% instead.



■ 449193

■ 449193

FFFFFF

■ 267779

■ 7BC7C9

■ 005E61

■ 97E3E5

■ 004649

■ B3FFFF

■ 002F32

■ D0FFFF

■ 001D1D

■ EDFFFF

■ 000002

■ 000000

■ 449193

■ 449193

■ 359193

■ 539193

 279093

 619293

 189093

 709293

 099093

 7F9293

 008F93

 8E9393

 9C9393

 AB9493

 BA9493

 C89493

# Harmonies

## Analogous

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



55917D



449193



478FA5

# Triad

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



449193



997BA1



9B825C

# Complementary

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



449193



934644

# 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.



AA7B66



449193



AB768D

# Square

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



449193



7F82AD



B07678



86885D

# Rectangle

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



449193



568CAD



B07678



A17F5E



# Sweetspot

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



449193



A1BEBF



449345



4E6061



E0E0E0



616161



# Same Dimension

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



449193



45BCBF



446A93



434A4A



00868A



000A0A



# Inverse Universe

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



934491



BF45BC



936D44



4A434A



8A0086

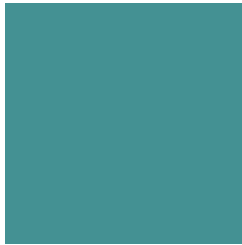


0A000A



# Previews

## White Background



This preview shows how the Hex color 449193 looks on a white background.

## Color Contrast Check

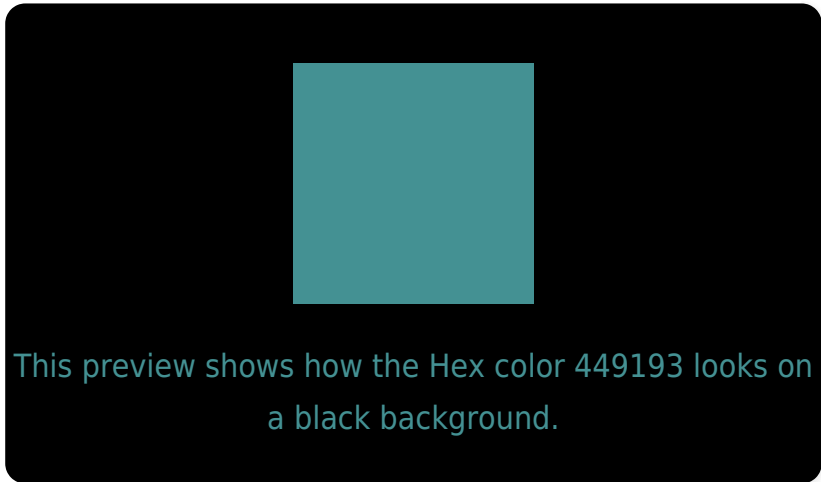
Large Text (above 18pt) WCAG AA ✓ Pass

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

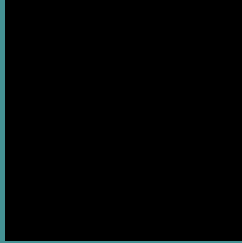
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 449193 Background



This preview shows how black text looks on a background with the Hex color 449193.

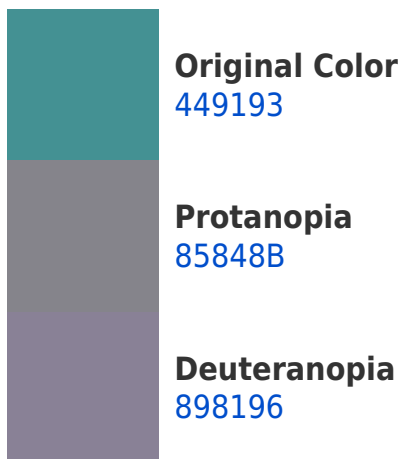


This preview shows how white text looks on a background with the Hex color 449193.

# 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



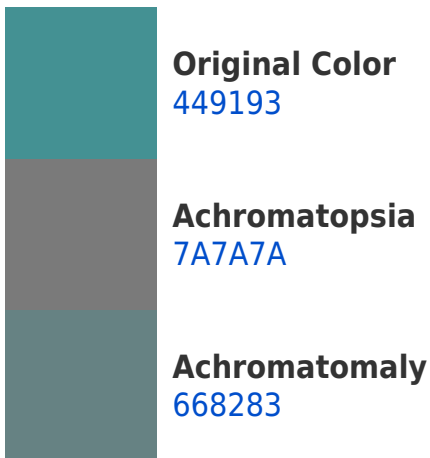


**Tritanopia**  
47909B

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 449193 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 #449193 looks like.

```
.text, #text, p{  
    color:#449193  
}
```

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 #449193 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #449193  
}
```

## Border

The CSS property to change the border of an element to Hex 449193 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  
#449193 }
```

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

```
.border{ border-color:#449193 }
```

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

Here you see how a box with a 4 pixel #449193 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #449193; -webkit-box-shadow:4px 4px  
4px 4px #449193; box-shadow:4px 4px 4px  
4px #449193 }
```

# Background

The CSS property to change the background color of an element to Hex 449193 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#449193 }
```

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

```
.background{ background-color:#449193 }
```

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