

# Converting Colors

Hex(449A98)

Have a look what the booklet for  
Hex(449A98) contains.

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# Color

Hex(449A98)

# Conversions

## Conversions Part 1

Format	Color
Hex	449A98
RGB	68, 154, 152
RGB Percent	27%, 60%, 60%
CMY	0.7333, 0.3961, 0.4039
CMYK	0.56, 0.00, 0.01, 0.40
HSL	179°, 39%, 44%
HSV	179°, 56%, 60%
XYZ	19.6070, 26.6071, 33.8081
YIQ	128.0580, -50.6140, -18.8540

# Conversions

## Conversions Part 2

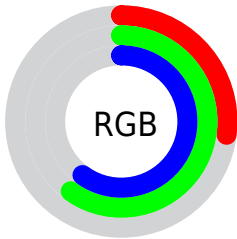
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	68, 112, 154
Decimal	4496024
CIE Lab	58.61, -26.16, -6.79
CIE LCh	59, 27.024, 194.562
Yxy	26.6071, 0.2450, 0.3325
Android (android.graphics.Color)	4282686104 (0xFF449A98)
YUV	128.0580, 11.8034, -52.6709
Hunter-Lab	51.5821, -22.4187, -2.7525

# Details

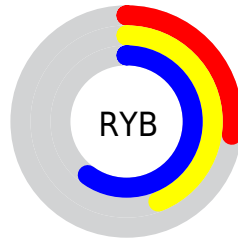
The Hex color **449A98** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **9A4446**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **7CD1CE**, and **006665** is the 20% darker color. If you saturate the color by 10%, you get **359A98**, and if you desaturate by 10%, it is **539A98**.

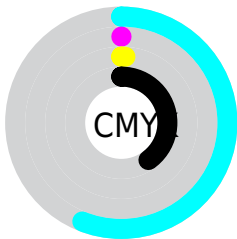
# Distribution



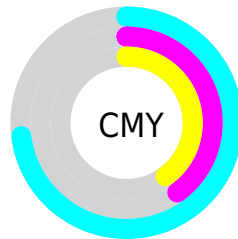
- Red (27%)
- Green (60%)
- Blue (60%)



- Red (27%)
- Yellow (44%)
- Blue (60%)



- Cyan (56%)
- Magenta (0%)
- Yellow (1%)
- Black (40%)



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

# Brightness & Saturation Gradients

These gradients show how the Hex color 449A98 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 449A98 by changing the saturation by 10% instead.





449A98



449A98

FFFFFF



25807E



7CD1CE



006665



98EDEA



004E4D



B5FFFF



003737



D2FFFF



002221



FFFFFF



00000B



000000



449A98



449A98



359A98



539A98

 259A97

 639A99

 169A97

 729A99

 069A97

 829A99

 009A96

 919A9A

 A09A9A

 B09A9B

 BF9A9B

 CF9A9B

# Harmonies

## Analogous

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



5B9980



449A98



4298AD

# Triad

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



449A98



9F83AF



A88760

# Complementary

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



449A98



9A4446

# 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.



B8806D



449A98



B47D9A

# Square

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



449A98



7F8BBB



BC7B82



928F5F

# Rectangle

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



449A98



5195B7



BC7B82



AE8563



# Sweetspot

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



449A98



A7C9C9



479A44



526666



E6E6E6



666666



# Same Dimension

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



449A98



42C9C6



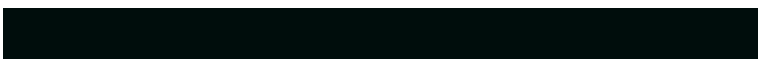
44729A



454D4C



008C89



000D0C



# Inverse Universe

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



9A4446



C94246



9A6C44



4D4545



8C0003

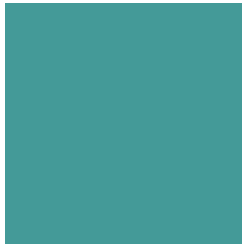


0D0000



# Previews

## White Background



This preview shows how the Hex color 449A98 looks on a white background.

## Color Contrast Check

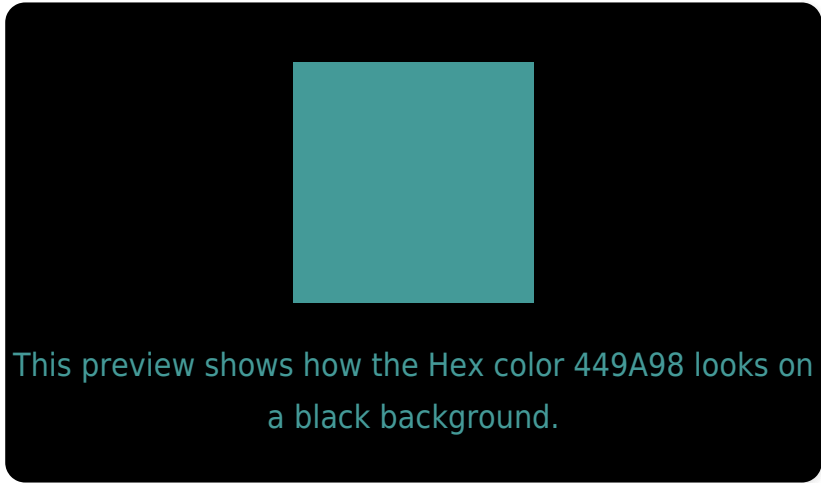
Large Text (above 18pt) WCAG AA ✓ Pass

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

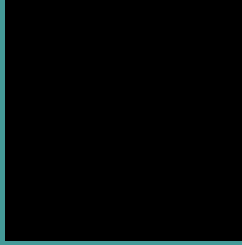
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 449A98 Background



This preview shows how black text looks on a background with the Hex color 449A98.

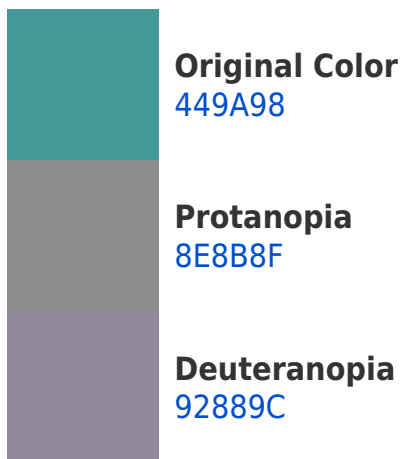


This preview shows how white text looks on a background with the Hex color 449A98.

# 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



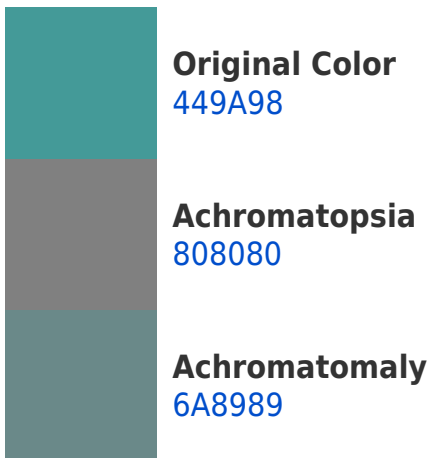


**Tritanopia**  
4998A4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 449A98 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 #449A98 looks like.

```
.text, #text, p{  
    color:#449A98  
}
```

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 #449A98 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #449A98
}
```

## Border

The CSS property to change the border of an element to Hex 449A98 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
#449A98 }
```

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

```
.border{ border-color:#449A98 }
```

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

Here you see how a box with a 4 pixel #449A98 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #449A98; -webkit-box-shadow:4px 4px  
4px 4px #449A98; box-shadow:4px 4px 4px  
4px #449A98 }
```

# Background

The CSS property to change the background color of an element to Hex 449A98 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#449A98 }
```

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

```
.background{ background-color:#449A98 }
```

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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