

# Converting Colors

Hex(3B8A9A)

Have a look what the booklet for  
Hex(3B8A9A) contains.

<b>Hex(3B8A9A)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(3B8A9A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3B8A9A
RGB	59, 138, 154
RGB Percent	23%, 54%, 60%
CMY	0.7686, 0.4588, 0.3961
CMYK	0.62, 0.10, 0.00, 0.40
HSL	190°, 45%, 42%
HSV	190°, 62%, 60%
XYZ	16.7248, 21.4399, 33.8287
YIQ	116.2030, -52.2200, -11.7720

# Conversions

## Conversions Part 2

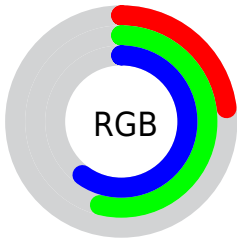
<b>Format</b>	<b>Color</b>
<b>RYB</b>	59, 102, 154
Decimal	3902106
CIELab	53.43, -19.07, -15.76
CIELCh	53, 24.738, 219.560
Yxy	21.4399, 0.2323, 0.2978
Android (android.graphics.Color)	4282092186 (0xFF3B8A9A)
YUV	116.2030, 18.6339, -50.1670
Hunter-Lab	46.3032, -16.5559, -10.9045

# Details

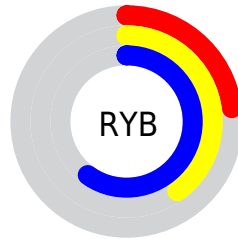
The Hex color **3B8A9A** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **9A4B3B**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **74C0D0**, and **005867** is the 20% darker color. If you saturate the color by 10%, you get **2C879A**, and if you desaturate by 10%, it is **4A8D9A**.

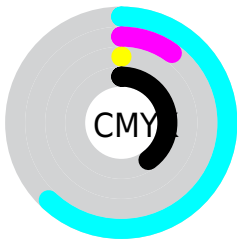
# Distribution



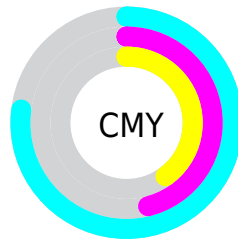
- Red (23%)
- Green (54%)
- Blue (60%)



- Red (23%)
- Yellow (40%)
- Blue (60%)



- Cyan (62%)
- Magenta (10%)
- Yellow (0%)
- Black (40%)



- Cyan (77%)
- Magenta (46%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3B8A9A 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 3B8A9A by changing the saturation by 10% instead.



 3B8A9A

 3B8A9A

FFFFFF

 197080

 74C0D0

 005867

 90DCED

 00404F

 ACF8FF

 002A38

 C9FFFF

 001623

 E6FFFF

 00000B

 000000

 3B8A9A

 3B8A9A

 2C879A

 4A8D9A

■ 1C859A

■ 5A8F9A

■ 0D829A

■ 69929A

■ 00809A

■ 79949A

■ 88979A

■ 979A9A

■ A79C9A

■ B69F9A

■ C6A19A

# Harmonies

## Analogous

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



418B86



3B8A9A



4F86A7

# Triad

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



3B8A9A



A0728F



888055

# Complementary

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



3B8A9A



9A4B3B

# 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.



9B7958



3B8A9A



AA7079

# Square

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



3B8A9A



8B78A1



A87366



70865E

# Rectangle

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



3B8A9A



6382AA



A87366



8F7E55



# Sweetspot

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



3B8A9A



A3C3C9



3B9A4B



4F6266



E6E6E6



666666



# Same Dimension

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



3B8A9A



34B0C9



3B5B9A



454B4D



00758C



000B0D



# Inverse Universe

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



9A3B8A



C934B0



9A7A3B



4D454B



8C0075

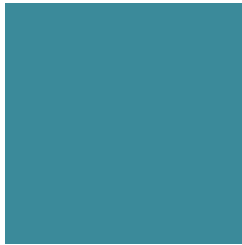


0D000B



# Previews

## White Background



This preview shows how the Hex color 3B8A9A looks on a white background.

## Color Contrast Check

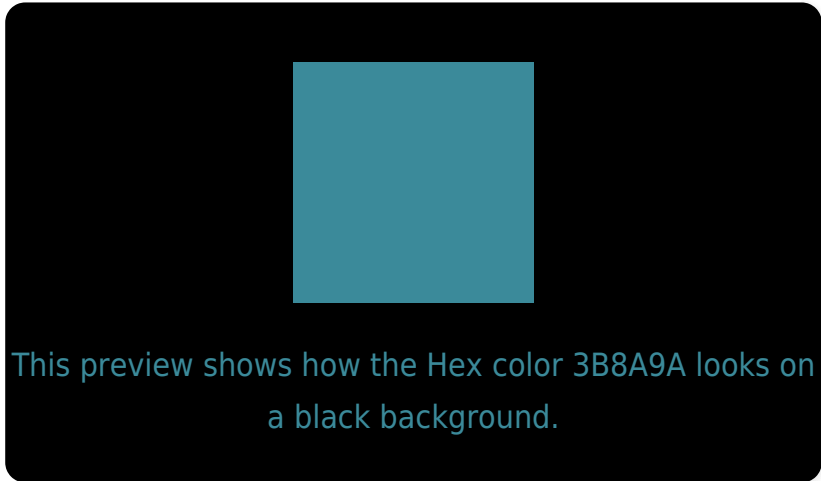
Large Text (above 18pt) WCAG AA ✓ Pass

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

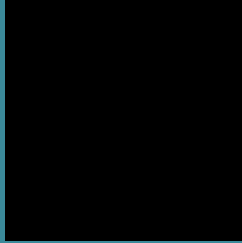
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 3B8A9A Background



This preview shows how black text looks on a background with the Hex color 3B8A9A.

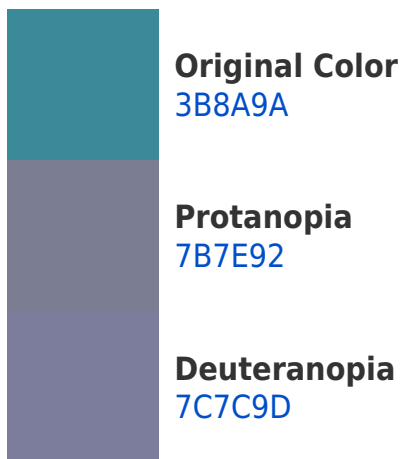


This preview shows how white text looks on a background with the Hex color 3B8A9A.

# 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](#).

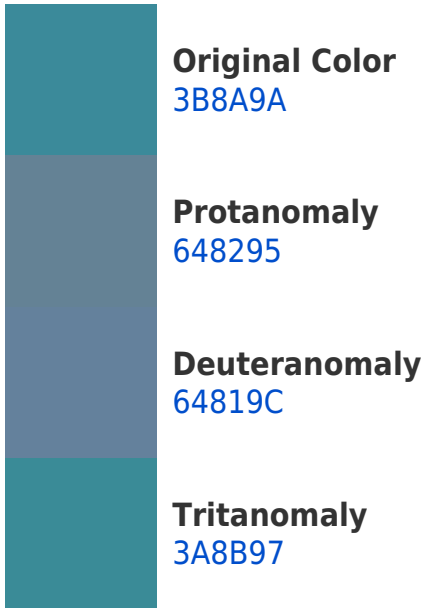
## Dichromacy



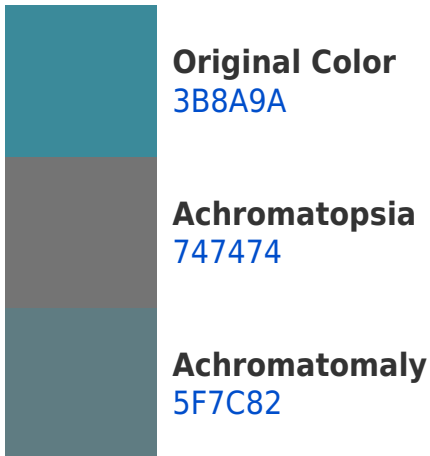


**Tritanopia**  
398B96

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3B8A9A 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 #3B8A9A looks like.

```
.text, #text, p{  
    color:#3B8A9A  
}
```

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 #3B8A9A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3B8A9A
}
```

## Border

The CSS property to change the border of an element to Hex 3B8A9A 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
#3B8A9A }
```

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

```
.border{ border-color:#3B8A9A }
```

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

Here you see how a box with a 4 pixel #3B8A9A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3B8A9A; -webkit-box-shadow:4px 4px  
4px 4px #3B8A9A; box-shadow:4px 4px 4px  
4px #3B8A9A }
```

# Background

The CSS property to change the background color of an element to Hex 3B8A9A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3B8A9A }
```

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

```
.background{ background-color:#3B8A9A }
```

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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