

# Converting Colors

Hex(3B9898)

Have a look what the booklet for  
Hex(3B9898) contains.

<b>Hex(3B9898)</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(3B9898)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3B9898
RGB	59, 152, 152
RGB Percent	23%, 60%, 60%
CMY	0.7686, 0.4039, 0.4039
CMYK	0.61, 0.00, 0.00, 0.40
HSL	180°, 44%, 41%
HSV	180°, 61%, 60%
XYZ	18.6994, 25.6533, 33.6718
YIQ	124.1930, -55.4280, -19.7160

# Conversions

## Conversions Part 2

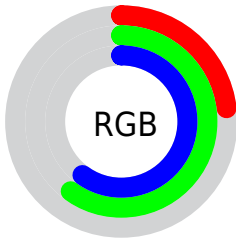
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	59, 106, 152
Decimal	3905688
CIE <sub>Lab</sub>	57.71, -26.90, -8.17
CIE <sub>LCh</sub>	58, 28.110, 196.893
Yxy	25.6533, 0.2397, 0.3288
Android (android.graphics.Color)	4282095768 (0xFF3B9898)
YUV	124.1930, 13.7089, -57.1743
Hunter-Lab	50.6491, -22.7346, -3.9620

# Details

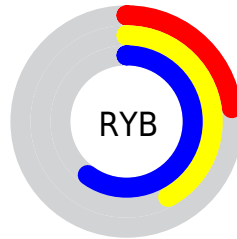
The Hex color **3B9898** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **983B3B**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **75CFCE**, and **006565** is the 20% darker color. If you saturate the color by 10%, you get **2C9898**, and if you desaturate by 10%, it is **4A9898**.

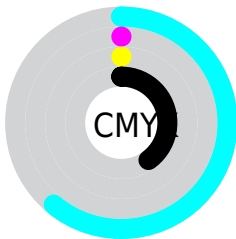
# Distribution



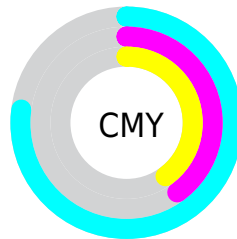
- Red (23%)
- Green (60%)
- Blue (60%)



- Red (23%)
- Yellow (42%)
- Blue (60%)



- Cyan (61%)
- Magenta (0%)
- Yellow (0%)
- Black (40%)



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

# Brightness & Saturation Gradients

These gradients show how the Hex color 3B9898 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 3B9898 by changing the saturation by 10% instead.



 3B9898

 3B9898

FFFFFF

 177E7E

 75CFCE

 006565

 91EBEA

 004C4D

 AEFFFF

 003537

 CBFFFF

 002121

 E8FFFF

 00000A

 000000

 3B9898

 3B9898

 2C9898

 4A9898

■ 1D9898

■ 599898

■ 0D9898

■ 699898

■ 009898

■ 789898

■ 879898

■ 969898

■ A59898

■ B59898

■ C49898

# Harmonies

## Analogous

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



54977F



3B9898



3A96AE

# Triad

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



3B9898



9F7FAC



A5855B

# Complementary

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



3B9898



983B3B

# 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.



B67D68



3B9898



B47996

# Square

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



3B9898



7F88B9



BB787E



8D8D5B

# Rectangle

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



3B9898



4D92B7



BB787E



AC835E



# Sweetspot

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



3B9898



A1C4C4



3B983B



4E6363



E3E3E3



636363



# Same Dimension

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



3B9898



35C4C4



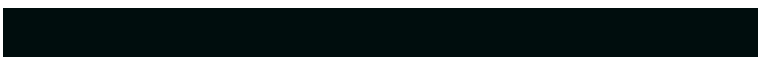
3B6A98



454D4D



008C8C



000D0D



# Inverse Universe

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



983B98



C435C4



986A3B



4D454D



8C008C



0D000D



# Previews

## White Background



This preview shows how the Hex color 3B9898 looks on a white background.

## Color Contrast Check

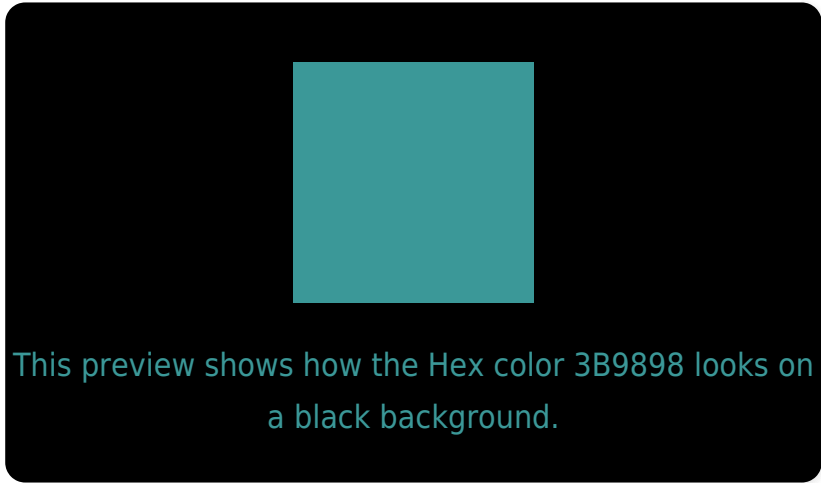
Large Text (above 18pt) WCAG AA ✓ Pass

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

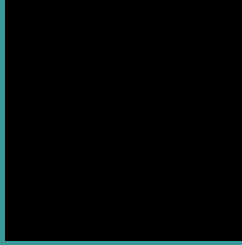
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 3B9898 Background



This preview shows how black text looks on a background with the Hex color 3B9898.

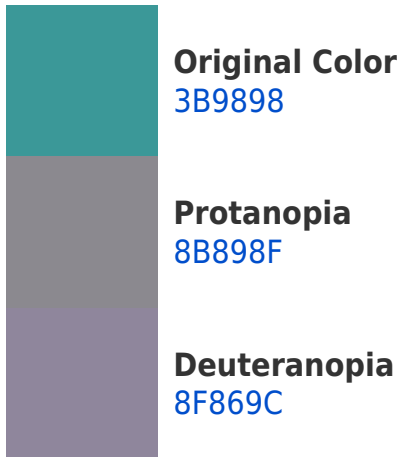


This preview shows how white text looks on a background with the Hex color 3B9898.

# 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**  
4096A3

# Trichromacy



**Original Color**  
3B9898

**Protanomaly**  
6E8E92

**Deuteranomaly**  
708D9B

**Tritanomaly**  
3E979F

# Monochromacy



**Original Color**  
3B9898

**Achromatopsia**  
7C7C7C

**Achromatomaly**  
648686

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3B9898 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 #3B9898 looks like.

```
.text, #text, p{  
    color:#3B9898  
}
```

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 #3B9898 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3B9898
}
```

## Border

The CSS property to change the border of an element to Hex 3B9898 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
#3B9898 }
```

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

```
.border{ border-color:#3B9898 }
```

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

Here you see how a box with a 4 pixel #3B9898 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3B9898; -webkit-box-shadow:4px 4px  
4px 4px #3B9898; box-shadow:4px 4px 4px  
4px #3B9898 }
```

# Background

The CSS property to change the background color of an element to Hex 3B9898 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3B9898 }
```

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

```
.background{ background-color:#3B9898 }
```

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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