

# Converting Colors

Hex(3B8D8D)

Have a look what the booklet for  
Hex(3B8D8D) contains.

<b>Hex(3B8D8D)</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(3B8D8D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3B8D8D
RGB	59, 141, 141
RGB Percent	23%, 55%, 55%
CMY	0.7686, 0.4471, 0.4471
CMYK	0.58, 0.00, 0.00, 0.45
HSL	180°, 41%, 39%
HSV	180°, 58%, 55%
XYZ	16.1362, 21.9026, 28.5765
YIQ	116.4820, -48.8720, -17.3840

# Conversions

## Conversions Part 2

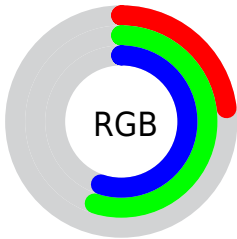
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	59, 100, 141
Decimal	3902861
CIE <sub>Lab</sub>	53.92, -24.54, -7.49
CIE <sub>LCh</sub>	54, 25.655, 196.980
Yxy	21.9026, 0.2422, 0.3288
Android (android.graphics.Color)	4282092941 (0xFF3B8D8D)
YUV	116.4820, 12.0874, -50.4117
Hunter-Lab	46.8003, -20.3556, -3.4426

# Details

The Hex color **3B8D8D** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **8D3B3B**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **73C3C3**, and **005A5B** is the 20% darker color. If you saturate the color by 10%, you get **2D8D8D**, and if you desaturate by 10%, it is **498D8D**.

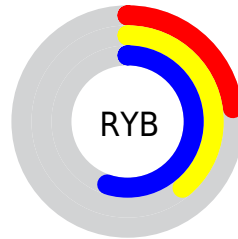
# Distribution



Red (23%)

Green (55%)

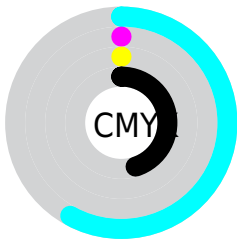
Blue (55%)



Red (23%)

Yellow (39%)

Blue (55%)

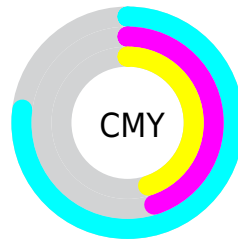


Cyan (58%)

Magenta (0%)

Yellow (0%)

Black (45%)



Cyan (77%)

Magenta (45%)

Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3B8D8D 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 3B8D8D by changing the saturation by 10% instead.



■ 3B8D8D

■ 3B8D8D

FFFFFF

■ 1A7373

■ 73C3C3

■ 005A5B

■ 8FDFDE

■ 004344

■ ABFCFB

■ 002C2D

■ C8FFFF

■ 001719

■ E5FFFF

■ 000000

■ 3B8D8D

■ 3B8D8D

■ 2D8D8D

■ 498D8D

■ 1F8D8D

■ 578D8D

■ 118D8D

■ 658D8D

■ 038D8D

■ 738D8D

■ 008D8D

■ 828D8D

■ 908D8D

■ 9E8D8D

■ AC8D8D

■ BA8D8D

# Harmonies

## Analogous

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



508C76



3B8D8D



3B8BA1

# Triad

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



3B8D8D



93779F



997C56

# Complementary

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



3B8D8D



8D3B3B

# 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.



A87561



3B8D8D



A6718B

# Square

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



3B8D8D



767FAB



AD7175



838356

# Rectangle

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



3B8D8D



4B88A9



AD7175



9F7A59



# Sweetspot

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



3B8D8D



98B8B8



3B8D3B



495C5C



DBDBDB



5C5C5C



# Same Dimension

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



3B8D8D



37B8B8



3B648D



404747



008787



000808



# Inverse Universe

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



8D3B8D



B837B8



8D643B



474047



870087

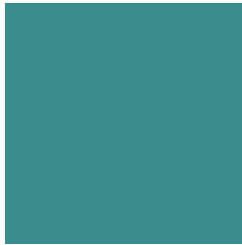


080008



# Previews

## White Background



This preview shows how the Hex color 3B8D8D looks on a white background.

## Color Contrast Check

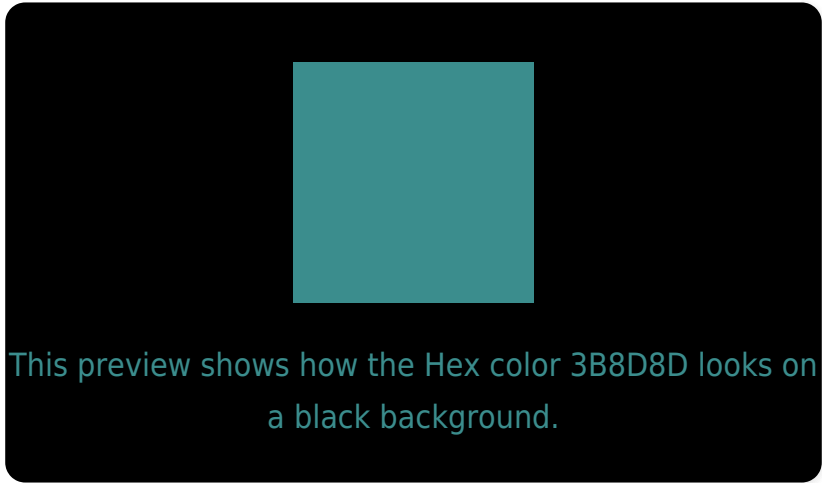
Large Text (above 18pt) WCAG AA ✓ Pass

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 3B8D8D Background



This preview shows how black text looks on a background with the Hex color 3B8D8D.

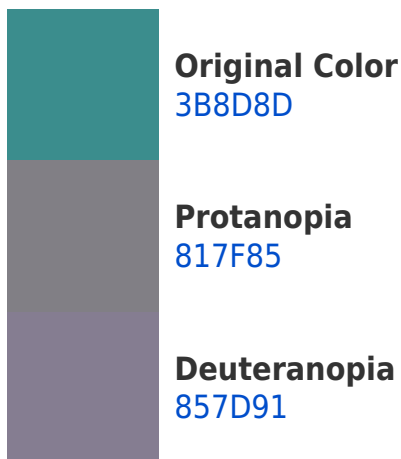


This preview shows how white text looks on a background with the Hex color 3B8D8D.

# 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**  
3F8B97

# Trichromacy



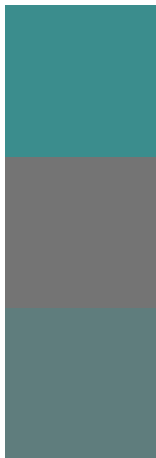
**Original Color**  
3B8D8D

**Protanomaly**  
688488

**Deuteranomaly**  
6A8390

**Tritanomaly**  
3E8C93

# Monochromacy



**Original Color**  
3B8D8D

**Achromatopsia**  
747474

**Achromatomaly**  
5F7D7D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3B8D8D 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 #3B8D8D looks like.

```
.text, #text, p{  
    color:#3B8D8D  
}
```

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 #3B8D8D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3B8D8D
}
```

## Border

The CSS property to change the border of an element to Hex 3B8D8D 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
#3B8D8D }
```

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

```
.border{ border-color:#3B8D8D }
```

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

Here you see how a box with a 4 pixel #3B8D8D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3B8D8D; -webkit-box-shadow:4px 4px  
4px 4px #3B8D8D; box-shadow:4px 4px 4px  
4px #3B8D8D }
```

# Background

The CSS property to change the background color of an element to Hex 3B8D8D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3B8D8D }
```

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

```
.background{ background-color:#3B8D8D }
```

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