

# Converting Colors

Hex(3C8D80)

Have a look what the booklet for  
Hex(3C8D80) contains.

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# Color

Hex(3C8D80)

# Conversions

## Conversions Part 1

Format	Color
Hex	3C8D80
RGB	60, 141, 128
RGB Percent	24%, 55%, 50%
CMY	0.7647, 0.4471, 0.4980
CMYK	0.57, 0.00, 0.09, 0.45
HSL	170°, 40%, 39%
HSV	170°, 57%, 55%
XYZ	15.2846, 21.5689, 23.7797
YIQ	115.2990, -44.1030, -21.2150

# Conversions

## Conversions Part 2

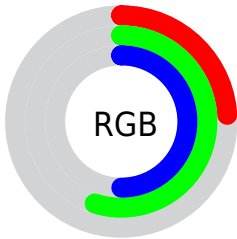
<b>Format</b>	<b>Color</b>
<b>RYB</b>	60, 104, 141
Decimal	3968384
CIELab	53.57, -27.96, -0.50
CIElCh	54, 27.961, 181.024
Yxy	21.5689, 0.2521, 0.3557
Android (android.graphics.Color)	4282158464 (0xFF3C8D80)
YUV	115.2990, 6.2616, -48.4972
Hunter-Lab	46.4424, -22.5280, 2.1516

# Details

The Hex color **3C8D80** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **8D3C49**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **73C3B5**, and **005A4F** is the 20% darker color. If you saturate the color by 10%, you get **2E8D7E**, and if you desaturate by 10%, it is **4A8D82**.

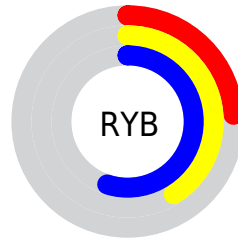
# Distribution



Red (24%)

Green (55%)

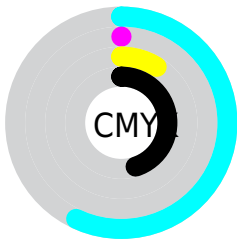
Blue (50%)



Red (24%)

Yellow (41%)

Blue (55%)

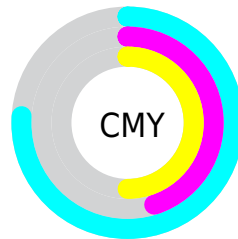


Cyan (57%)

Magenta (0%)

Yellow (9%)

Black (45%)



Cyan (76%)

Magenta (45%)

Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3C8D80 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 3C8D80 by changing the saturation by 10% instead.



■ 3C8D80

■ 3C8D80

FFFFFF

■ 1D7367

■ 73C3B5

■ 005A4F

■ 8FDFD0

■ 004238

■ ABFCEC

■ 002B23

■ C7FFFF

■ 00150D

■ E4FFFF

■ 000000

■ 3C8D80

■ 3C8D80

■ 2E8D7E

■ 4A8D82

■ 208D7B

■ 588D85

■ 128D79

■ 668D87

■ 048D77

■ 748D89

■ 008D76

■ 838D8B

■ 918D8E

■ 9F8D90

■ AD8D92

■ BB8D94

# Harmonies

## Analogous

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



5A8B68



3C8D80



288C98

# Triad

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



3C8D80



8479A9



A37657

# Complementary

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



3C8D80



8D3C49

# 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.



AE7068



3C8D80



9F7298

# Square

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



3C8D80



6082B0



AE6E80



8F7F50

# Rectangle

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



3C8D80



308AA5



AE6E80



A8745B



# Sweetspot

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



3C8D80



98B8B3



4A8D3C



495C59



DBDBDB



5C5C5C



# Same Dimension

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



3C8D80



39B8A3



3C728D



404746



008771



000806



# Inverse Universe

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



8D3C49



B8394D



8D573C



474041



870016

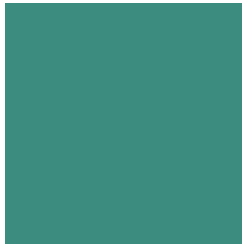


080001



# Previews

## White Background



This preview shows how the Hex color 3C8D80 looks on a white background.

## Color Contrast Check

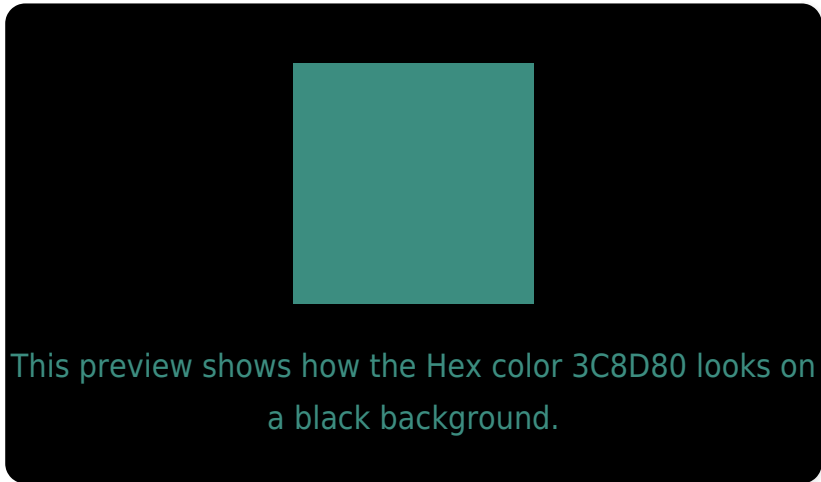
Large Text (above 18pt) WCAG AA ✓ Pass

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

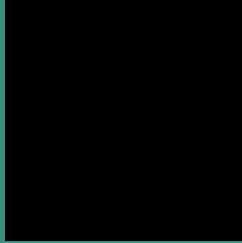
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 3C8D80 Background



This preview shows how black text looks on a background with the Hex color 3C8D80.

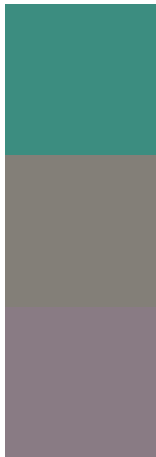


This preview shows how white text looks on a background with the Hex color 3C8D80.

# 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



**Original Color**  
3C8D80

**Protanopia**  
837F78

**Deuteranopia**  
897B84



**Tritanopia**  
448A95

# Trichromacy



**Original Color**  
3C8D80



**Protanomaly**  
69847B



**Deuteranomaly**  
6D8283



**Tritanomaly**  
418B8D

# Monochromacy



**Original Color**  
3C8D80



**Achromatopsia**  
737373



**Achromatomaly**  
5F7C78

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3C8D80 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 #3C8D80 looks like.

```
.text, #text, p{  
    color:#3C8D80  
}
```

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 #3C8D80 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3C8D80
}
```

## Border

The CSS property to change the border of an element to Hex 3C8D80 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
#3C8D80 }
```

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

```
.border{ border-color:#3C8D80 }
```

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

Here you see how a box with a 4 pixel #3C8D80 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3C8D80; -webkit-box-shadow:4px 4px  
4px 4px #3C8D80; box-shadow:4px 4px 4px  
4px #3C8D80 }
```

# Background

The CSS property to change the background color of an element to Hex 3C8D80 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3C8D80 }
```

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

```
.background{ background-color:#3C8D80 }
```

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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