

Converting Colors

Hex(3B789C)

Have a look what the booklet for
Hex(3B789C) contains.

Hex(3B789C)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(3B789C)

Conversions

Conversions Part 1

Format	Color
Hex	3B789C
RGB	59, 120, 156
RGB Percent	23%, 47%, 61%
CMY	0.7686, 0.5294, 0.3882
CMYK	0.62, 0.23, 0.00, 0.39
HSL	202°, 45%, 42%
HSV	202°, 62%, 61%
XYZ	14.5209, 16.7630, 33.9228
YIQ	105.8650, -47.9120, -1.7360

Conversions

Conversions Part 2

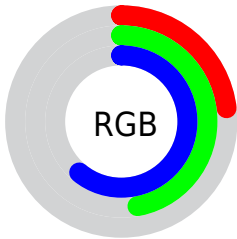
Format	Color
RYB	59, 96, 156
Decimal	3897500
CIELab	47.96, -8.40, -25.31
CIElCh	48, 26.664, 251.645
Yxy	16.7630, 0.2227, 0.2571
Android (android.graphics.Color)	4282087580 (0xFF3B789C)
YUV	105.8650, 24.7166, -41.1006
Hunter-Lab	40.9427, -8.3424, -20.4644

Details

The Hex color **3B789C** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **9C5F3B**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **73ACD3**, and **004869** is the 20% darker color. If you saturate the color by 10%, you get **2B729C**, and if you desaturate by 10%, it is **4B7E9C**.

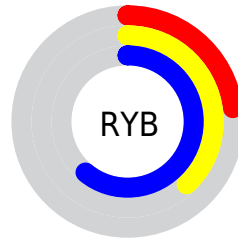
Distribution



Red (23%)

Green (47%)

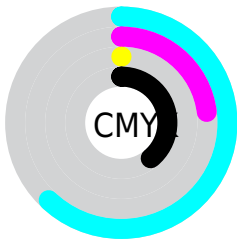
Blue (61%)



Red (23%)

Yellow (38%)

Blue (61%)

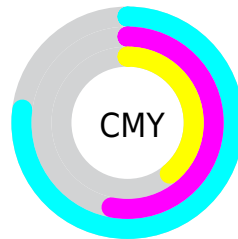


Cyan (62%)

Magenta (23%)

Yellow (0%)

Black (39%)



Cyan (77%)

Magenta (53%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3B789C 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 3B789C by changing the saturation by 10% instead.



3B789C



3B789C

FFFFFF



1A5F82



73ACD3



004869



8FC8EF



003150



ABE4FF



001D39



C8FFFF



000224



E5FFFF



00000B



000000



3B789C



3B789C



2B729C



4B7E9C

■ 1C6C9C

■ 5A849C

■ 0C679C

■ 6A899C

■ 00629C

■ 798F9C

■ 89959C

■ 999B9C

■ A8A19C

■ B8A69C

■ C7AC9C

Harmonies

Analogous

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



1D7C8F



3B789C



60719E

Triad

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



3B789C



9E616A



5F794F

Complementary

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



3B789C



9C5F3B

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.



787345



3B789C



9A6455

Square

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



3B789C



956281



8D6C47



447D63

Rectangle

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



3B789C



766C98



8D6C47



68784B

Sweetspot

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



3B789C



A5BECC



3B9C5F



4F5D66



E6E6E6



666666

Same Dimension

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



3B789C



3393CC



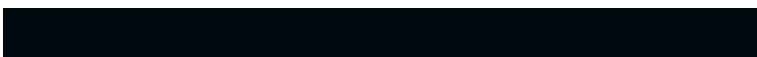
3B489C



474C4F



005A8F



000A0F

Inverse Universe

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



9C3B78



CC3393



9C8F3B



4F474C



8F005A



0F000A

Previews

White Background



This preview shows how the Hex color 3B789C looks on a white background.

Color Contrast Check

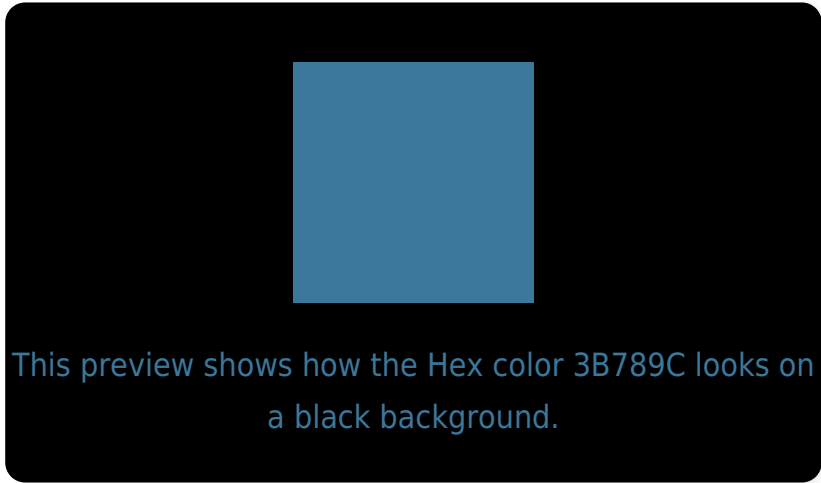
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

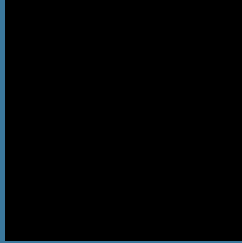
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

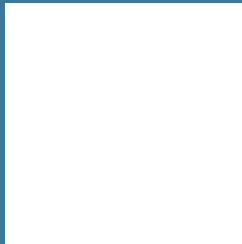
Any Text WCAG AAA × Fail

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

Hex 3B789C Background



This preview shows how black text looks on a background with the Hex color 3B789C.



This preview shows how white text looks on a background with the Hex color 3B789C.

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](#).

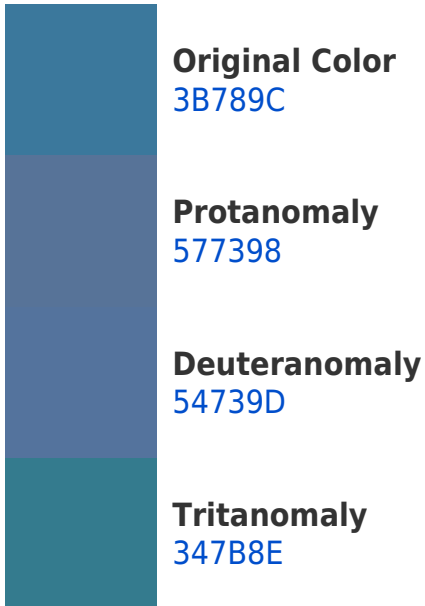
Dichromacy



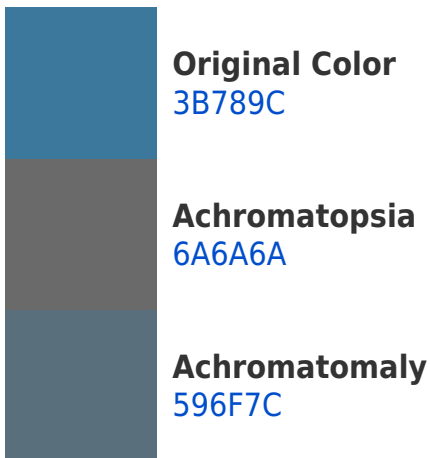


Tritanopia
307C86

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3B789C 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 #3B789C looks like.

```
.text, #text, p{  
    color:#3B789C  
}
```

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 #3B789C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3B789C  
}
```

Border

The CSS property to change the border of an element to Hex 3B789C 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  
#3B789C }
```

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

```
.border{ border-color:#3B789C }
```

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

Here you see how a box with a 4 pixel #3B789C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3B789C; -webkit-box-shadow:4px 4px  
4px 4px #3B789C; box-shadow:4px 4px 4px  
4px #3B789C }
```

Background

The CSS property to change the background color of an element to Hex 3B789C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3B789C }
```

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

```
.background{ background-color:#3B789C }
```

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