

Converting Colors

Hex(3899B3)

Have a look what the booklet for
Hex(3899B3) contains.

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Color

Hex(3899B3)

Conversions

Conversions Part 1

Format	Color
Hex	3899B3
RGB	56, 153, 179
RGB Percent	22%, 60%, 70%
CMY	0.7804, 0.4000, 0.2980
CMYK	0.69, 0.15, 0.00, 0.30
HSL	193°, 52%, 46%
HSV	193°, 69%, 70%
XYZ	21.1588, 26.8779, 46.7206
YIQ	126.9610, -66.1580, -12.4780

Conversions

Conversions Part 2

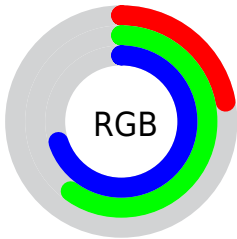
Format	Color
RYB	56, 110, 179
Decimal	3709363
CIELab	58.86, -19.65, -21.78
CIELCh	59, 29.331, 227.948
Yxy	26.8779, 0.2233, 0.2836
Android (android.graphics.Color)	4281899443 (0xFF3899B3)
YUV	126.9610, 25.6552, -62.2328
Hunter-Lab	51.8439, -17.8765, -17.1401

Details

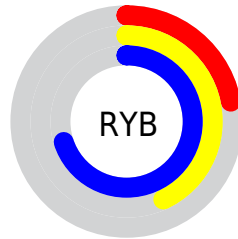
The Hex color **3899B3** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **B35238**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **76CFEB**, and **00667E** is the 20% darker color. If you saturate the color by 10%, you get **2695B3**, and if you desaturate by 10%, it is **4A9DB3**.

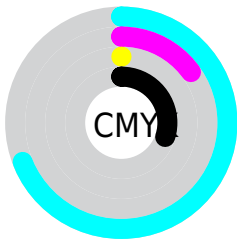
Distribution



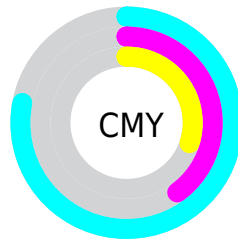
- Red (22%)
- Green (60%)
- Blue (70%)



- Red (22%)
- Yellow (43%)
- Blue (70%)



- Cyan (69%)
- Magenta (15%)
- Yellow (0%)
- Black (30%)



- Cyan (78%)
- Magenta (40%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3899B3 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 3899B3 by changing the saturation by 10% instead.

 3899B3

 3899B3

FFFFFF

 077F98

 76CFEB

 00667E

 93ECFF

 004E65

 B0FFFF

 00374D

 CEFFFF

 002236

 EBFFFF

 000221

 000006

 000000

 3899B3

 3899B3

■ 2695B3

■ 4A9DB3

■ 1491B3

■ 5CA1B3

■ 028EB3

■ 6EA4B3

■ 008DB3

■ 80A8B3

■ 91ACB3

■ A3B0B3

■ B5B3B3

■ C7B7B3

■ D9BBB3

Harmonies

Analogous

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



389C9D



3899B3



5A93BF

Triad

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



3899B3



B97B99



90915C

Complementary

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



3899B3



B35238

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.



A8885B



3899B3



C17B7F

Square

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



3899B3



A482B0



BA8068



72976A

Rectangle

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



3899B3



758EC0



BA8068



988E5A

Sweetspot

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



3899B3



B7DEE8



38B351



586F75



F5F5F5



757575

Same Dimension

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



3899B3



2AC0E8



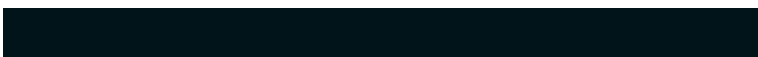
385DB3



505759



007999



00141A

Inverse Universe

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



B33899



E82AC0



B38E38



595057



990079



1A0014

Previews

White Background



This preview shows how the Hex color 3899B3 looks on a white background.

Color Contrast Check

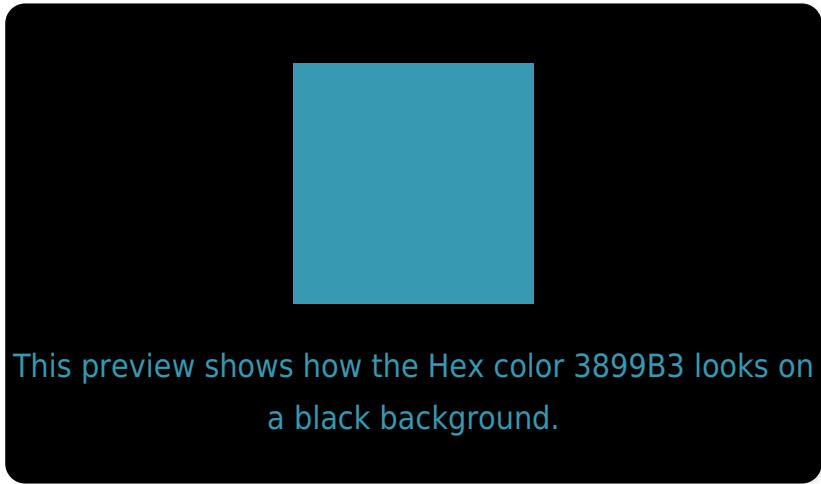
Large Text (above 18pt) WCAG AA ✓ Pass

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

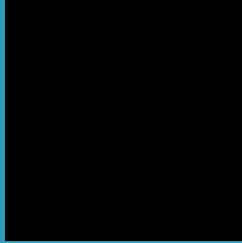
Any Text WCAG AA ✓ Pass

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 3899B3 Background



This preview shows how black text looks on a background with the Hex color 3899B3.

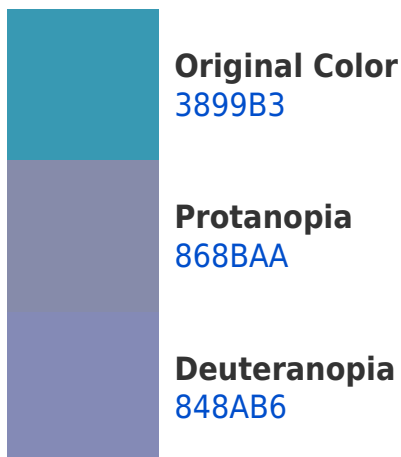


This preview shows how white text looks on a background with the Hex color 3899B3.

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](#).

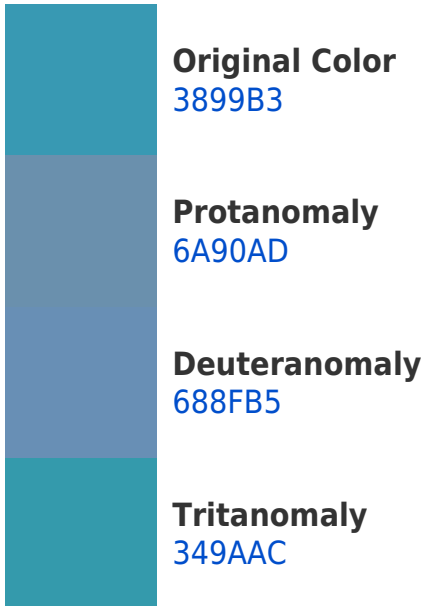
Dichromacy





Tritanopia
319BA8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3899B3 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 #3899B3 looks like.

```
.text, #text, p{  
    color:#3899B3  
}
```

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 #3899B3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3899B3
}
```

Border

The CSS property to change the border of an element to Hex 3899B3 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
#3899B3 }
```

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

```
.border{ border-color:#3899B3 }
```

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

Here you see how a box with a 4 pixel #3899B3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3899B3; -webkit-box-shadow:4px 4px  
4px 4px #3899B3; box-shadow:4px 4px 4px  
4px #3899B3 }
```

Background

The CSS property to change the background color of an element to Hex 3899B3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3899B3 }
```

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

```
.background{ background-color:#3899B3 }
```

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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