

Converting Colors

Hex(3C7C9B)

Have a look what the booklet for
Hex(3C7C9B) contains.

Hex(3C7C9B)	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(3C7C9B)

Conversions

Conversions Part 1

Format	Color
Hex	3C7C9B
RGB	60, 124, 155
RGB Percent	24%, 49%, 61%
CMY	0.7647, 0.5137, 0.3922
CMYK	0.61, 0.20, 0.00, 0.39
HSL	200°, 44%, 42%
HSV	200°, 61%, 61%
XYZ	14.9875, 17.7425, 33.6451
YIQ	108.3980, -48.0950, -3.9270

Conversions

Conversions Part 2

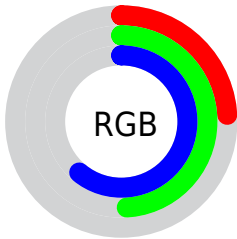
Format	Color
RYB	60, 98, 155
Decimal	3964059
CIELab	49.18, -10.83, -22.83
CIElCh	49, 25.269, 244.617
Yxy	17.7425, 0.2258, 0.2673
Android (android.graphics.Color)	4282154139 (0xFF3C7C9B)
YUV	108.3980, 22.9748, -42.4450
Hunter-Lab	42.1219, -10.2006, -17.8729

Details

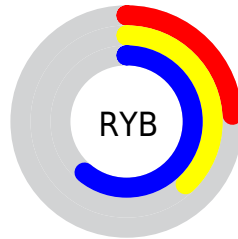
The Hex color **3C7C9B** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **9B5B3C**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **74B1D2**, and **004B68** is the 20% darker color. If you saturate the color by 10%, you get **2D779B**, and if you desaturate by 10%, it is **4B819B**.

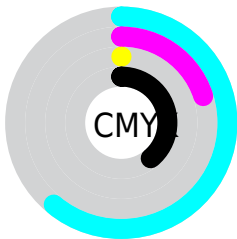
Distribution



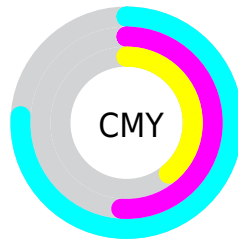
- Red (24%)
- Green (49%)
- Blue (61%)



- Red (24%)
- Yellow (38%)
- Blue (61%)



- Cyan (61%)
- Magenta (20%)
- Yellow (0%)
- Black (39%)



- Cyan (76%)
- Magenta (51%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3C7C9B 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 3C7C9B by changing the saturation by 10% instead.

■ 3C7C9B

■ 3C7C9B

FFFFFF

■ 1C6381

■ 74B1D2

■ 004B68

■ 90CCEE

■ 003550

■ ACE8FF

■ 001F38

■ C8FFFF

■ 000223

■ E6FFFF

■ 00000A

■ 000000

■ 3C7C9B

■ 3C7C9B

■ 2D779B

■ 4B819B

■ 1D729B

■ 5B869B

■ 0E6D9B

■ 6A8B9B

■ 00689B

■ 7A909B

■ 8A959B

■ 999A9B

■ A99F9B

■ B8A49B

■ C8AA9B

Harmonies

Analogous

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



2A808C



3C7C9B



5D769F

Triad

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



3C7C9B



9E6572



697B51

Complementary

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



3C7C9B



9B5B3C

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.



80754A



3C7C9B



9E675E

Square

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



3C7C9B



936788



936D4F



507F62

Rectangle

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



3C7C9B



72719C



936D4F



71794D

Sweetspot

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



3C7C9B



A5BEC9



3C9B5A



505F66



E6E6E6



666666

Same Dimension

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



3C7C9B



3499C9



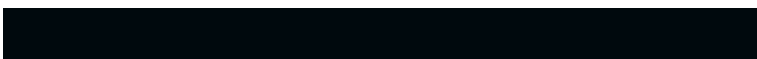
3C4D9B



454A4D



005E8C



00090D

Inverse Universe

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



9B3C7C



C93499



9B8A3C



4D454A



8C005E



0D0009

Previews

White Background



This preview shows how the Hex color 3C7C9B looks on a white background.

Color Contrast Check

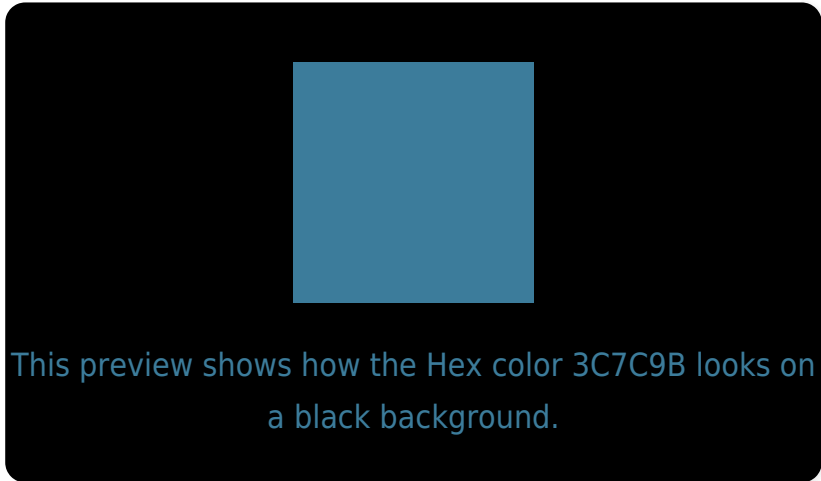
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ 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 3C7C9B Background



This preview shows how black text looks on a background with the Hex color 3C7C9B.



This preview shows how white text looks on a background with the Hex color 3C7C9B.

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](#).

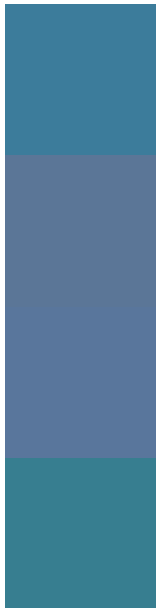
Dichromacy





Tritanopia
347F89

Trichromacy



Original Color
3C7C9B

Protanomaly
5B7697

Deuteranomaly
59769C

Tritanomaly
377E90

Monochromacy



Original Color
3C7C9B

Achromatopsia
6C6C6C

Achromatomaly
5B727D

CSS Examples

Text

The CSS property to change the color of the text to Hex 3C7C9B 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 #3C7C9B looks like.

```
.text, #text, p{  
    color:#3C7C9B  
}
```

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 #3C7C9B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3C7C9B
}
```

Border

The CSS property to change the border of an element to Hex 3C7C9B 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
#3C7C9B }
```

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

```
.border{ border-color:#3C7C9B }
```

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

Here you see how a box with a 4 pixel #3C7C9B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3C7C9B; -webkit-box-shadow:4px 4px  
4px 4px #3C7C9B; box-shadow:4px 4px 4px  
4px #3C7C9B }
```

Background

The CSS property to change the background color of an element to Hex 3C7C9B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3C7C9B }
```

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

```
.background{ background-color:#3C7C9B }
```

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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