

Converting Colors

Hex(3C759B)

Have a look what the booklet for
Hex(3C759B) contains.

Hex(3C759B)	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(3C759B)

Conversions

Conversions Part 1

Format	Color
Hex	3C759B
RGB	60, 117, 155
RGB Percent	24%, 46%, 61%
CMY	0.7647, 0.5412, 0.3922
CMYK	0.61, 0.25, 0.00, 0.39
HSL	204°, 44%, 42%
HSV	204°, 61%, 61%
XYZ	14.1412, 16.0498, 33.3629
YIQ	104.2890, -46.1700, -0.2660

Conversions

Conversions Part 2

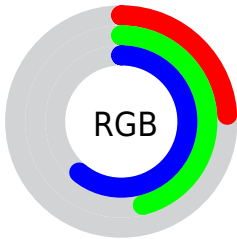
Format	Color
RYB	60, 96, 155
Decimal	3962267
CIELab	47.04, -6.78, -26.14
CIELCh	47, 27.009, 255.461
Yxy	16.0498, 0.2225, 0.2525
Android (android.graphics.Color)	4282152347 (0xFF3C759B)
YUV	104.2890, 25.0005, -38.8415
Hunter-Lab	40.0622, -7.1019, -21.3319

Details

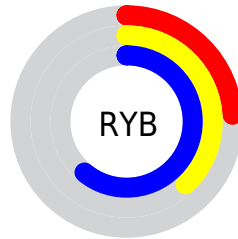
The Hex color **3C759B** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **9B623C**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **74A9D2**, and **004568** is the 20% darker color. If you saturate the color by 10%, you get **2D6F9B**, and if you desaturate by 10%, it is **4B7B9B**.

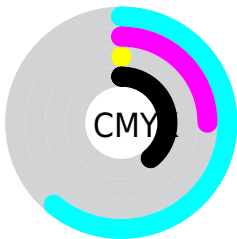
Distribution



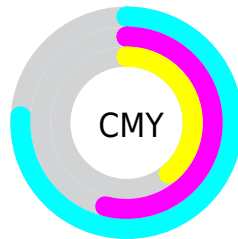
- Red (24%)
- Green (46%)
- Blue (61%)



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



- Cyan (61%)
- Magenta (25%)
- Yellow (0%)
- Black (39%)



- Cyan (76%)
- Magenta (54%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3C759B 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 3C759B by changing the saturation by 10% instead.

■ 3C759B

■ 3C759B

FFFFFF

■ 1C5C81

■ 74A9D2

■ 004568

■ 8FC4EE

■ 002F4F

■ ABE0FF

■ 001B38

■ C8FDFF

■ 000223

■ E5FFFF

■ 000009

■ 000000

■ 3C759B

■ 3C759B

■ 2D6F9B

■ 4B7B9B

■ 1D699B

■ 5B819B

■ 0E629B

■ 6A889B

■ 005D9B

■ 7A8E9B

■ 8A949B

■ 999A9B

■ A9A09B

■ B8A79B

■ C8AD9B

Harmonies

Analogous

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



187A8F



3C759B



626E9B

Triad

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



3C759B



9C5E65



59784F

Complementary

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



3C759B



9B623C

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.



737243



3C759B



976350

Square

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



3C759B



955F7C



886A44



3D7B63

Rectangle

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



3C759B



786895



886A44



62764A

Sweetspot

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



3C759B



A5BBC9



3C9B62



505D66



E6E6E6



666666

Same Dimension

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



3C759B



348EC9



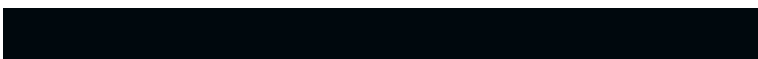
3C459B



45494D



00548C



00080D

Inverse Universe

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



9B3C75



C9348E



9B913C



4D4549



8C0054



0D0008

Previews

White Background



This preview shows how the Hex color 3C759B looks on a white background.

Color Contrast Check

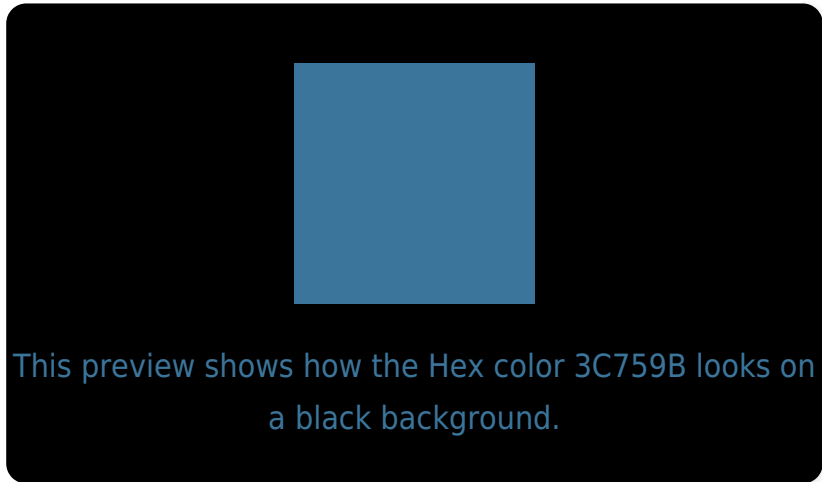
Large Text (above 18pt) WCAG AA ✓ Pass

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

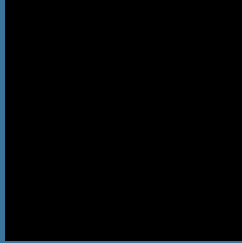
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

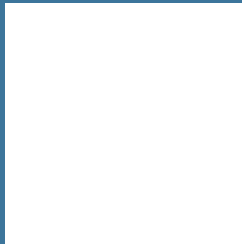
Any Text WCAG AAA × Fail

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

Hex 3C759B Background



This preview shows how black text looks on a background with the Hex color 3C759B.



This preview shows how white text looks on a background with the Hex color 3C759B.

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](#).

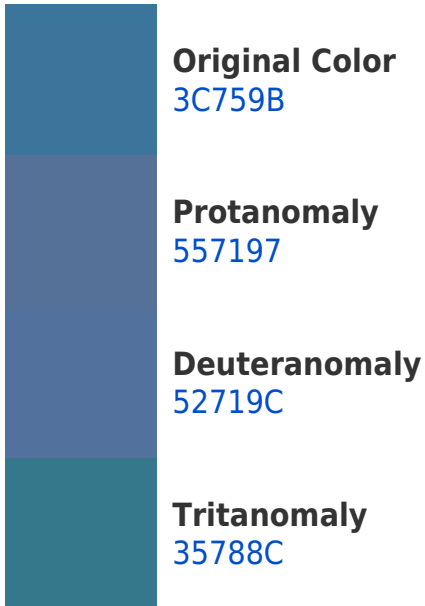
Dichromacy



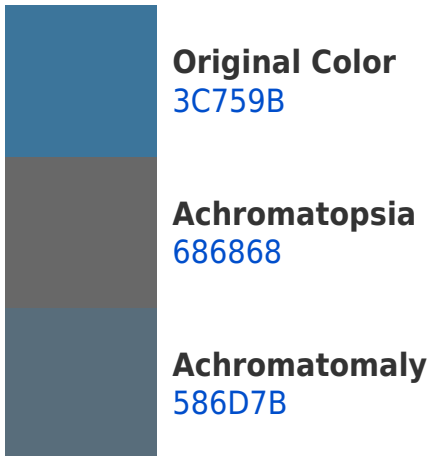


Tritanopia
317983

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3C759B 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 #3C759B looks like.

```
.text, #text, p{  
    color:#3C759B  
}
```

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 #3C759B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3C759B
}
```

Border

The CSS property to change the border of an element to Hex 3C759B 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
#3C759B }
```

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

```
.border{ border-color:#3C759B }
```

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

Here you see how a box with a 4 pixel #3C759B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3C759B; -webkit-box-shadow:4px 4px  
4px 4px #3C759B; box-shadow:4px 4px 4px  
4px #3C759B }
```

Background

The CSS property to change the background color of an element to Hex 3C759B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3C759B }
```

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

```
.background{ background-color:#3C759B }
```

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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