

Converting Colors

Hex(3C8798)

Have a look what the booklet for
Hex(3C8798) contains.

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Color

Hex(3C8798)

Conversions

Conversions Part 1

Format	Color
Hex	3C8798
RGB	60, 135, 152
RGB Percent	24%, 53%, 60%
CMY	0.7647, 0.4706, 0.4039
CMYK	0.61, 0.11, 0.00, 0.40
HSL	191°, 43%, 42%
HSV	191°, 61%, 60%
XYZ	16.1949, 20.5556, 32.8198
YIQ	114.5130, -50.1570, -10.6130

Conversions

Conversions Part 2

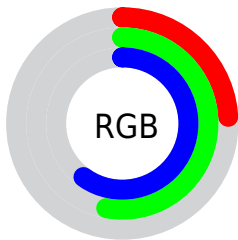
Format	Color
RYB	60, 101, 152
Decimal	3966872
CIELab	52.46, -17.89, -16.06
CIElCh	52, 24.044, 221.920
Yxy	20.5556, 0.2328, 0.2955
Android (android.graphics.Color)	4282156952 (0xFF3C8798)
YUV	114.5130, 18.4811, -47.8079
Hunter-Lab	45.3383, -15.5814, -11.1825

Details

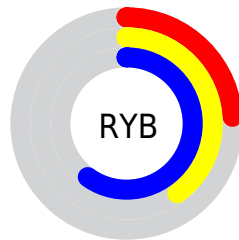
The Hex color **3C8798** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **984D3C**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **74BCCE**, and **005565** is the 20% darker color. If you saturate the color by 10%, you get **2D8498**, and if you desaturate by 10%, it is **4B8A98**.

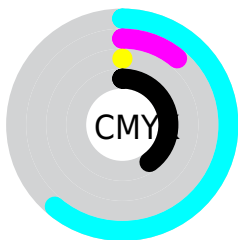
Distribution



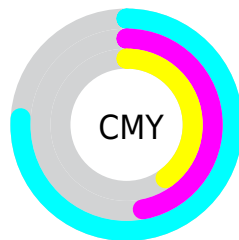
- Red (24%)
- Green (53%)
- Blue (60%)



- Red (24%)
- Yellow (40%)
- Blue (60%)



- Cyan (61%)
- Magenta (11%)
- Yellow (0%)
- Black (40%)



- Cyan (76%)
- Magenta (47%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3C8798 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 3C8798 by changing the saturation by 10% instead.

 3C8798

 3C8798

FFFFFF

 1B6E7E

 74BCCE

 005565

 90D8EB

 003E4D

 ACF5FF

 002836

 C9FFFF

 001121

 E6FFFF

 000007

 000000

 3C8798

 3C8798

 2D8498

 4B8A98

■ 1E8198

■ 5A8D98

■ 0E7F98

■ 6A8F98

■ 007C98

■ 799298

■ 889598

■ 979898

■ A69B98

■ B69D98

■ C5A098

Harmonies

Analogous

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



408985



3C8798



5083A4

Triad

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



3C8798



9E6F8A



837F55

Complementary

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



3C8798



984D3C

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.



977856



3C8798



A66E76

Square

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



3C8798



8A759C



A37163



6C845E

Rectangle

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



3C8798



647FA6



A37163



8A7C54

Sweetspot

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



3C8798



A1BEC4



3C984D



4E5F63



E3E3E3



636363

Same Dimension

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



3C8798



35AAC4



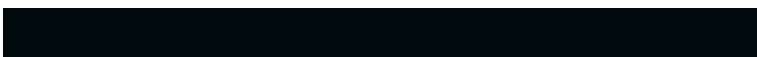
3C5998



454B4D



00728C



000A0D

Inverse Universe

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



983C87



C435AA



987B3C



4D454B



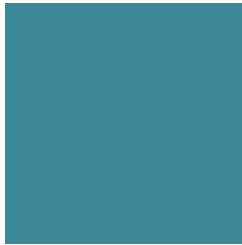
8C0072



0D000A

Previews

White Background



This preview shows how the Hex color 3C8798 looks on a white background.

Color Contrast Check

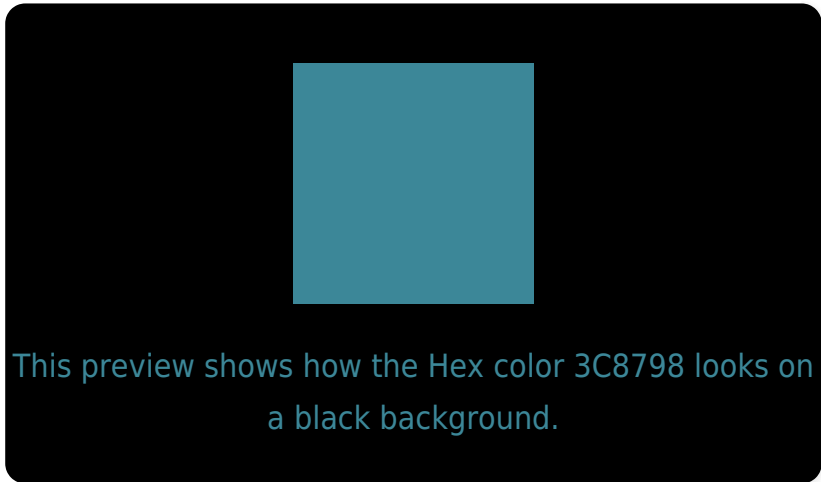
Large Text (above 18pt) WCAG AA ✓ Pass

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

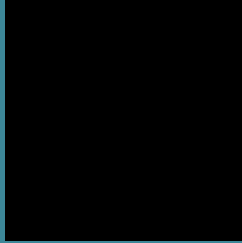
Any Text WCAG AA ✓ Pass

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 3C8798 Background



This preview shows how black text looks on a background with the Hex color 3C8798.

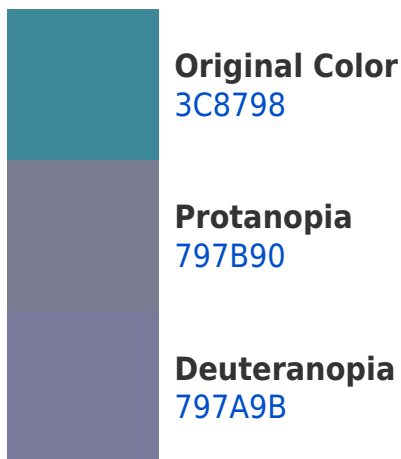



This preview shows how white text looks on a background with the Hex color 3C8798.

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](#).

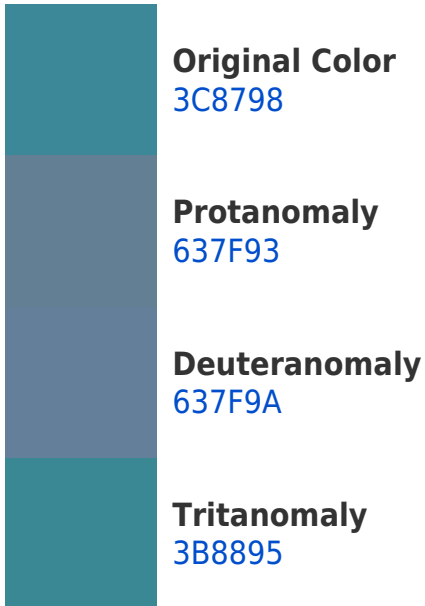
Dichromacy



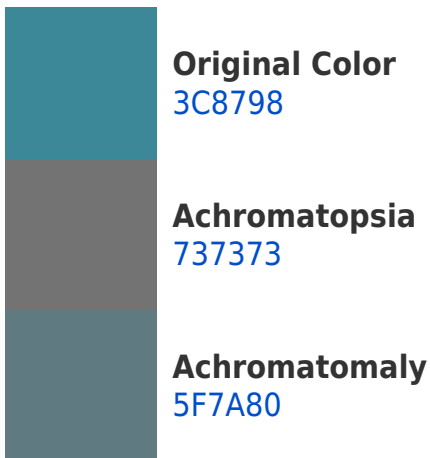


Tritanopia
3A8893

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3C8798 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 #3C8798 looks like.

```
.text, #text, p{  
    color:#3C8798  
}
```

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 #3C8798 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3C8798
}
```

Border

The CSS property to change the border of an element to Hex 3C8798 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
#3C8798 }
```

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

```
.border{ border-color:#3C8798 }
```

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

Here you see how a box with a 4 pixel #3C8798 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3C8798; -webkit-box-shadow:4px 4px  
4px 4px #3C8798; box-shadow:4px 4px 4px  
4px #3C8798 }
```

Background

The CSS property to change the background color of an element to Hex 3C8798 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3C8798 }
```

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

```
.background{ background-color:#3C8798 }
```

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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