

Converting Colors

Hex(3B798F)

Have a look what the booklet for
Hex(3B798F) contains.

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Color

Hex(3B798F)

Conversions

Conversions Part 1

Format	Color
Hex	3B798F
RGB	59, 121, 143
RGB Percent	23%, 47%, 56%
CMY	0.7686, 0.5255, 0.4392
CMYK	0.59, 0.15, 0.00, 0.44
HSL	196°, 42%, 40%
HSV	196°, 59%, 56%
XYZ	13.5989, 16.5877, 28.4716
YIQ	104.9700, -44.0140, -6.3020

Conversions

Conversions Part 2

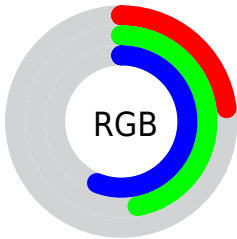
Format	Color
RYB	59, 95, 143
Decimal	3897743
CIELab	47.74, -13.21, -18.00
CIELCh	48, 22.331, 233.723
Yxy	16.5877, 0.2318, 0.2828
Android (android.graphics.Color)	4282087823 (0xFF3B798F)
YUV	104.9700, 18.7488, -40.3157
Hunter-Lab	40.7280, -11.6736, -12.9381

Details

The Hex color **3B798F** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **8F513B**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **72ADC5**, and **00485D** is the 20% darker color. If you saturate the color by 10%, you get **2D758F**, and if you desaturate by 10%, it is **497D8F**.

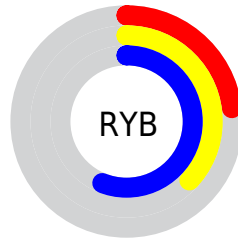
Distribution



Red (23%)

Green (47%)

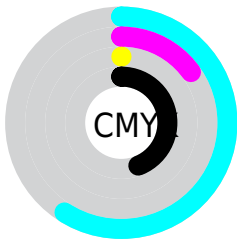
Blue (56%)



Red (23%)

Yellow (37%)

Blue (56%)

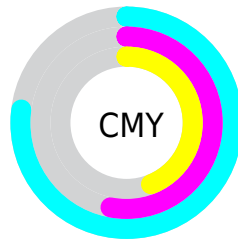


Cyan (59%)

Magenta (15%)

Yellow (0%)

Black (44%)



Cyan (77%)

Magenta (53%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3B798F 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 3B798F by changing the saturation by 10% instead.

■ 3B798F

■ 3B798F

FFFFFF

■ 1D6075

■ 72ADC5

■ 00485D

■ 8DC9E1

■ 003245

■ A9E5FD

■ 001D2F

■ C5FFFF

■ 00011A

■ E2FFFF

■ 000000

■ 3B798F

■ 3B798F

■ 2D758F

■ 497D8F

■ 1E728F

■ 58808F

■ 106E8F

■ 66848F

■ 026A8F

■ 74888F

■ 006A8F

■ 838C8F

■ 918F8F

■ 9F938F

■ AD978F

■ BC9B8F

Harmonies

Analogous

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



357B80



3B798F



537496

Triad

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



3B798F



936476



6F754E

Complementary

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



3B798F



8F513B

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.



826F4C



3B798F



976463

Square

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



3B798F



866788



906854



59795A

Rectangle

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



3B798F



657096



906854



76734C

Sweetspot

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



3B798F



99B1BA



3B8F50



4A595E



DEDEDE



5E5E5E

Same Dimension

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



3B798F



3898BA



3B508F



404647



006487



000608

Inverse Universe

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



8F3B79



BA3898



8F7A3B



474046



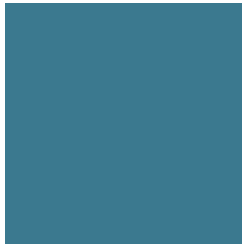
870064



080006

Previews

White Background



This preview shows how the Hex color 3B798F looks on a white background.

Color Contrast Check

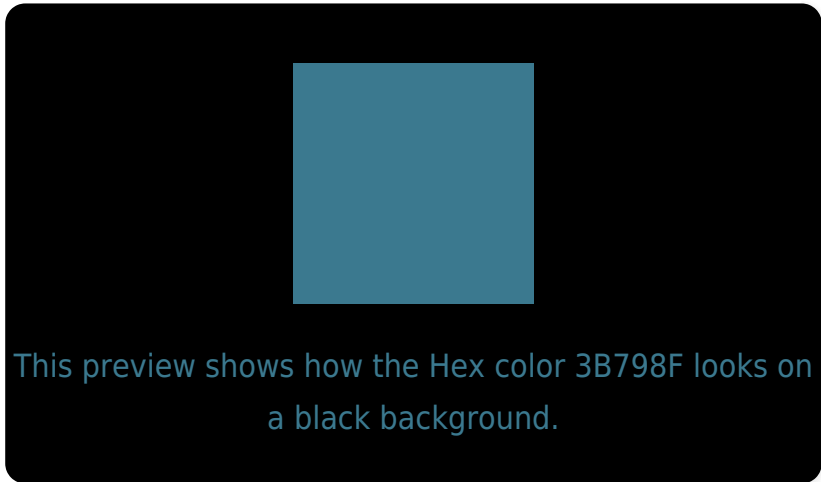
Large Text (above 18pt) WCAG AA ✓ Pass

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

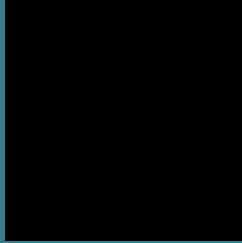
Any Text WCAG AA × Fail

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 3B798F Background



This preview shows how black text looks on a background with the Hex color 3B798F.

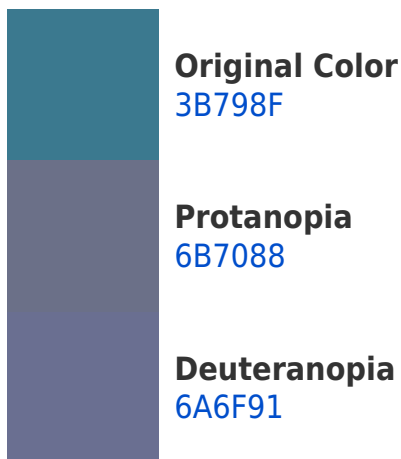


This preview shows how white text looks on a background with the Hex color 3B798F.

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](#).

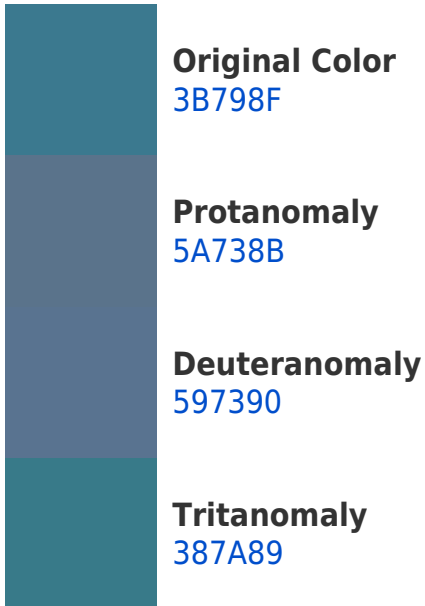
Dichromacy



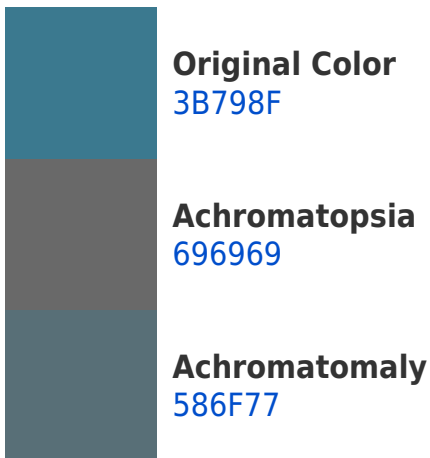


Tritanopia
377B85

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3B798F 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 #3B798F looks like.

```
.text, #text, p{  
    color:#3B798F  
}
```

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 #3B798F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3B798F  
}
```

Border

The CSS property to change the border of an element to Hex 3B798F 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  
#3B798F }
```

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

```
.border{ border-color:#3B798F }
```

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

Here you see how a box with a 4 pixel #3B798F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3B798F; -webkit-box-shadow:4px 4px  
4px 4px #3B798F; box-shadow:4px 4px 4px  
4px #3B798F }
```

Background

The CSS property to change the background color of an element to Hex 3B798F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3B798F }
```

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

```
.background{ background-color:#3B798F }
```

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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