

Converting Colors

Hex(3F899E)

Have a look what the booklet for
Hex(3F899E) contains.

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Color

Hex(3F899E)

Conversions

Conversions Part 1

Format	Color
Hex	3F899E
RGB	63, 137, 158
RGB Percent	25%, 54%, 62%
CMY	0.7529, 0.4627, 0.3804
CMYK	0.60, 0.13, 0.00, 0.38
HSL	193°, 43%, 43%
HSV	193°, 60%, 62%
XYZ	17.1671, 21.4167, 35.5768
YIQ	117.2680, -50.8450, -9.1570

Conversions

Conversions Part 2

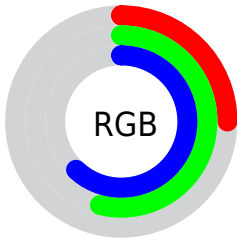
Format	Color
R _{YB}	63, 105, 158
Decimal	4163998
CIE Lab	53.40, -16.52, -18.09
CIE LCh	53, 24.497, 227.609
Yxy	21.4167, 0.2315, 0.2888
Android (android.graphics.Color)	4282354078 (0xFF3F899E)
YUV	117.2680, 20.0809, -47.5930
Hunter-Lab	46.2782, -14.7714, -13.1850

Details

The Hex color **3F899E** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **9E543F**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **77BED5**, and **00576B** is the 20% darker color. If you saturate the color by 10%, you get **2F869E**, and if you desaturate by 10%, it is **4F8C9E**.

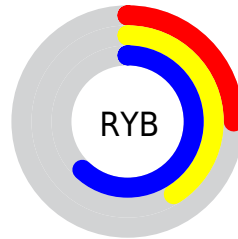
Distribution



Red (25%)

Green (54%)

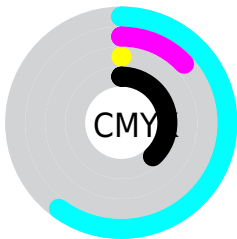
Blue (62%)



Red (25%)

Yellow (41%)

Blue (62%)

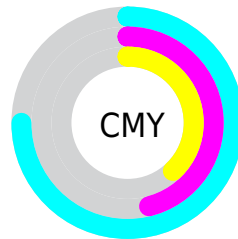


Cyan (60%)

Magenta (13%)

Yellow (0%)

Black (38%)



Cyan (75%)

Magenta (46%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3F899E 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 3F899E by changing the saturation by 10% instead.



3F899E



3F899E

FFFFFF



1F7084



77BED5



00576B



93DAF1



004052



B0F7FF



00293B



CDFFFF



001625



EAFFFF



00010F



000000



3F899E



3F899E



2F869E



4F8C9E

■ 1F829E

■ 5F909E

■ 107F9E

■ 6E939E

■ 007B9E

■ 7E979E

■ 8E9A9E

■ 9E9E9E

■ AEA19E

■ BDA59E

■ CDA89E

Harmonies

Analogous

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



3E8B8C



3F899E



5784A8

Triad

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



3F899E



A47189



828257

Complementary

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



3F899E



9E543F

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.



967B57



3F899E



AA7074

Square

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



3F899E



92769C



A57461



6A8863

Rectangle

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



3F899E



6C80A9



A57461



898056

Sweetspot

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



3F899E



A9C6CF



3F9E54



526369



E8E8E8



696969

Same Dimension

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



3F899E



3AAECF



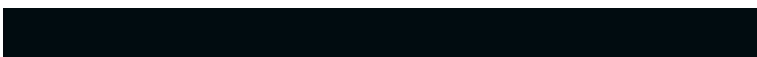
3F5A9E



474D4F



006F8F



000C0F

Inverse Universe

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



9E3F89



CF3AAE



9E833F



4F474D



8F006F



0F000C

Previews

White Background



This preview shows how the Hex color 3F899E looks on a white background.

Color Contrast Check

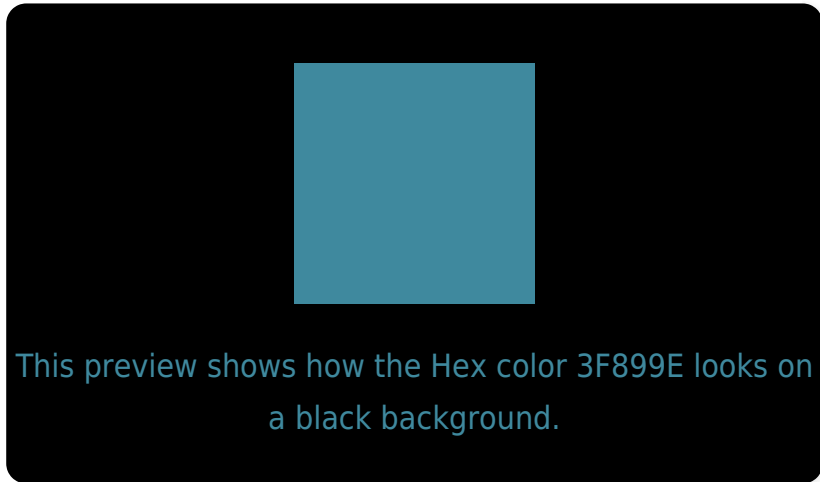
Large Text (above 18pt) WCAG AA ✓ Pass

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 3F899E Background



This preview shows how black text looks on a background with the Hex color 3F899E.

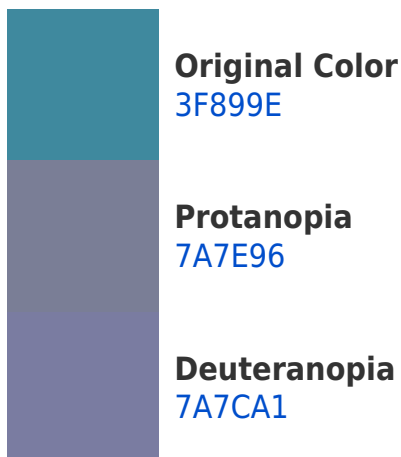


This preview shows how white text looks on a background with the Hex color 3F899E.

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](#).

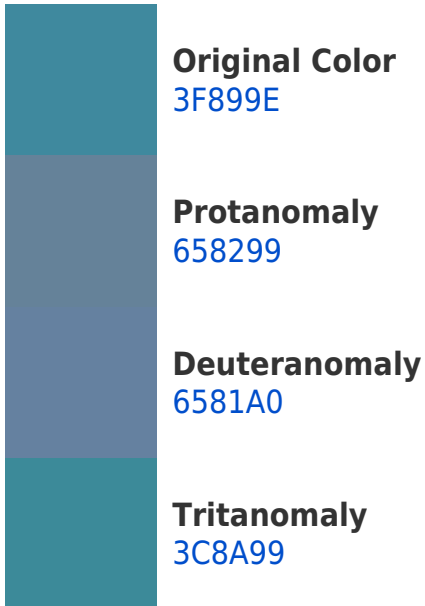
Dichromacy





Tritanopia
3B8A96

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3F899E 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 #3F899E looks like.

```
.text, #text, p{  
    color:#3F899E  
}
```

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 #3F899E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3F899E
}
```

Border

The CSS property to change the border of an element to Hex 3F899E 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
#3F899E }
```

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

```
.border{ border-color:#3F899E }
```

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

Here you see how a box with a 4 pixel #3F899E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3F899E; -webkit-box-shadow:4px 4px  
4px 4px #3F899E; box-shadow:4px 4px 4px  
4px #3F899E }
```

Background

The CSS property to change the background color of an element to Hex 3F899E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3F899E }
```

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

```
.background{ background-color:#3F899E }
```

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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