

Converting Colors

Hex(3F8A8A)

Have a look what the booklet for
Hex(3F8A8A) contains.

Hex(3F8A8A)	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(3F8A8A)

Conversions

Conversions Part 1

Format	Color
Hex	3F8A8A
RGB	63, 138, 138
RGB Percent	25%, 54%, 54%
CMY	0.7529, 0.4588, 0.4588
CMYK	0.54, 0.00, 0.00, 0.46
HSL	180°, 37%, 39%
HSV	180°, 54%, 54%
XYZ	15.7258, 21.0687, 27.2826
YIQ	115.5750, -44.7000, -15.9000

Conversions

Conversions Part 2

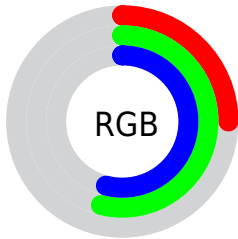
Format	Color
R _Y B	63, 101, 138
Decimal	4164234
CIE Lab	53.02, -23.03, -7.08
CIE LCh	53, 24.092, 197.089
Yxy	21.0687, 0.2454, 0.3288
Android (android.graphics.Color)	4282354314 (0xFF3F8A8A)
YUV	115.5750, 11.0555, -46.1083
Hunter-Lab	45.9007, -19.1710, -3.1105

Details

The Hex color **3F8A8A** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **8A3F3F**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **76C0BF**, and **005858** is the 20% darker color. If you saturate the color by 10%, you get **318A8A**, and if you desaturate by 10%, it is **4D8A8A**.

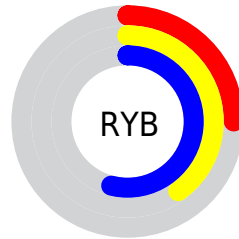
Distribution



Red (25%)

Green (54%)

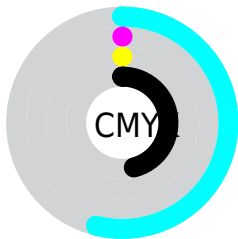
Blue (54%)



Red (25%)

Yellow (40%)

Blue (54%)

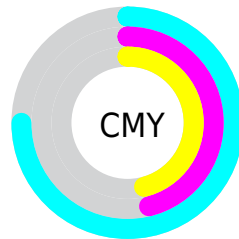


Cyan (54%)

Magenta (0%)

Yellow (0%)

Black (46%)



Cyan (75%)

Magenta (46%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3F8A8A 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 3F8A8A by changing the saturation by 10% instead.



3F8A8A



3F8A8A

FFFFFF



217071



76C0BF



005858



91DCDB



004041



ADF8F8



00292B



CAFFFF



001317



E7FFFF



000000



3F8A8A



3F8A8A



318A8A



4D8A8A



238A8A



5B8A8A

168A8A

688A8A

088A8A

768A8A

008A8A

848A8A

928A8A

A08A8A

AD8A8A

BB8A8A

Harmonies

Analogous

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



528975



3F8A8A



3F889C

Triad

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



3F8A8A



90759B



957A57

Complementary

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



3F8A8A



8A3F3F

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.



A37461



3F8A8A



A27088

Square

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



3F8A8A



757CA6



A86F73



818157

Rectangle

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



3F8A8A



4D85A4



A86F73



9B7859

Sweetspot

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



3F8A8A



96B3B3



3F8A3F



485959



D9D9D9



595959

Same Dimension

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



3F8A8A



3EB3B3



3F658A



3E4545



008585



000505

Inverse Universe

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



8A3F8A



B33EB3



8A653F



453E45



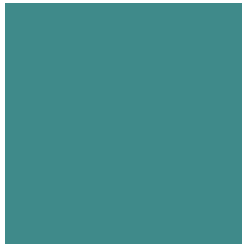
850085



050005

Previews

White Background



This preview shows how the Hex color 3F8A8A looks on a white background.

Color Contrast Check

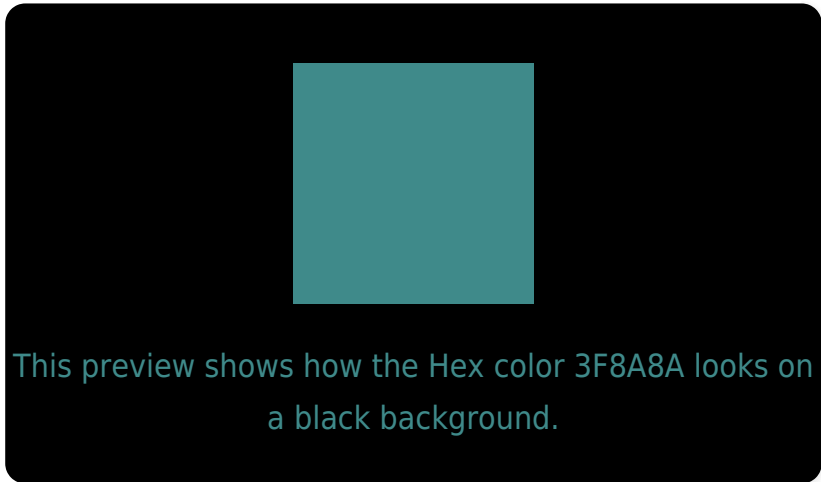
Large Text (above 18pt) WCAG AA ✓ Pass

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

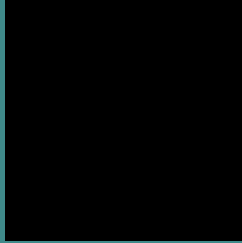
Any Text WCAG AA ✓ Pass

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 3F8A8A Background



This preview shows how black text looks on a background with the Hex color 3F8A8A.

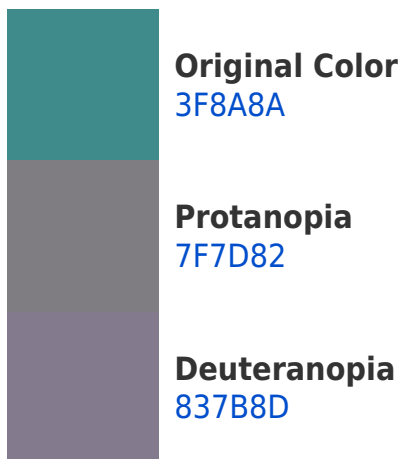


This preview shows how white text looks on a background with the Hex color 3F8A8A.

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](#).

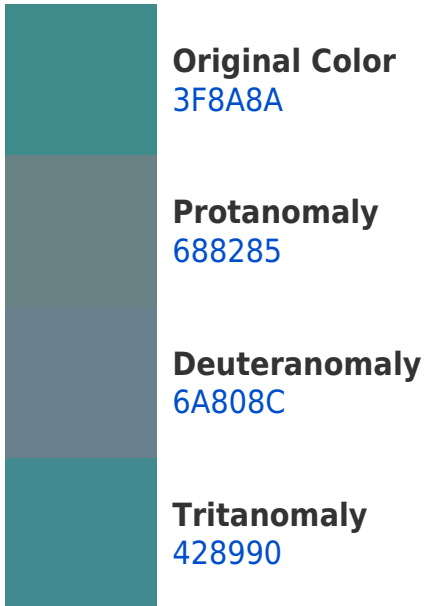
Dichromacy



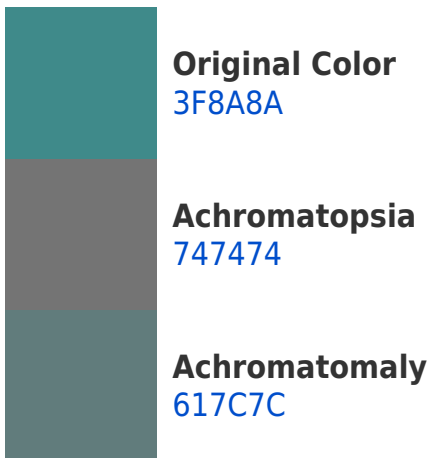


Tritanopia
438994

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3F8A8A 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 #3F8A8A looks like.

```
.text, #text, p{  
    color:#3F8A8A  
}
```

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 #3F8A8A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3F8A8A
}
```

Border

The CSS property to change the border of an element to Hex 3F8A8A 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
#3F8A8A }
```

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

```
.border{ border-color:#3F8A8A }
```

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

Here you see how a box with a 4 pixel #3F8A8A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3F8A8A; -webkit-box-shadow:4px 4px  
4px 4px #3F8A8A; box-shadow:4px 4px 4px  
4px #3F8A8A }
```

Background

The CSS property to change the background color of an element to Hex 3F8A8A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3F8A8A }
```

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

```
.background{ background-color:#3F8A8A }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor