

Converting Colors

Hex(3F848A)

Have a look what the booklet for
Hex(3F848A) contains.

Hex(3F848A)	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(3F848A)

Conversions

Conversions Part 1

Format	Color
Hex	3F848A
RGB	63, 132, 138
RGB Percent	25%, 52%, 54%
CMY	0.7529, 0.4824, 0.4588
CMYK	0.54, 0.04, 0.00, 0.46
HSL	185°, 37%, 39%
HSV	185°, 54%, 54%
XYZ	14.8886, 19.3943, 27.0035
YIQ	112.0530, -43.0500, -12.7620

Conversions

Conversions Part 2

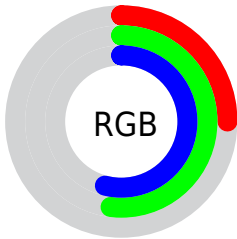
Format	Color
R_{YB}	63, 99, 138
Decimal	4162698
CIE _{Lab}	51.15, -19.89, -9.89
CIE _{LCh}	51, 22.211, 206.436
Yxy	19.3943, 0.2429, 0.3165
Android (android.graphics.Color)	4282352778 (0xFF3F848A)
YUV	112.0530, 12.7919, -43.0195
Hunter-Lab	44.0389, -16.7211, -5.5278

Details

The Hex color **3F848A** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **8A453F**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **75B9BF**, and **005258** is the 20% darker color. If you saturate the color by 10%, you get **31838A**, and if you desaturate by 10%, it is **4D858A**.

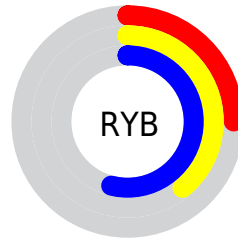
Distribution



Red (25%)

Green (52%)

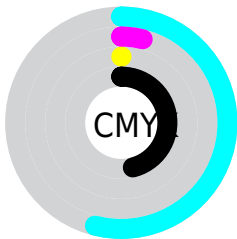
Blue (54%)



Red (25%)

Yellow (39%)

Blue (54%)

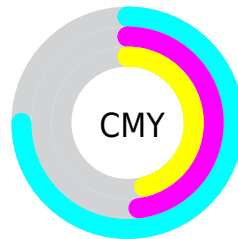


Cyan (54%)

Magenta (4%)

Yellow (0%)

Black (46%)



Cyan (75%)

Magenta (48%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3F848A 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 3F848A by changing the saturation by 10% instead.



3F848A



3F848A

FFFFFF



226B71



75B9BF



005258



91D5DB



003B41



ADF2F8



00252B



C9FFFF



000917



E6FFFF



000000



3F848A



3F848A



31838A



4D858A



23828A



5B868A

16818A

68878A

08808A

76888A

007F8A

848A8A

928B8A

A08C8A

AD8D8A

BB8E8A

Harmonies

Analogous

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



4B8477



3F848A



468199

Triad

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



3F848A



90708F



8A7854

Complementary

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



3F848A



8A453F

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.



98715B



3F848A



9D6C7D

Square

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



3F848A



7A769C



A06D6A



767E58

Rectangle

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



3F848A



557E9E



A06D6A



8F7655

Sweetspot

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



3F848A



96B0B3



3F8A44



485859



D9D9D9



595959

Same Dimension

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



3F848A



3EA9B3



3F608A



3E4445



007A85



000505

Inverse Universe

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



8A3F84



B33EA9



8A6A3F



453E44



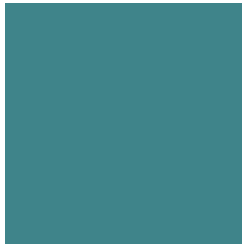
85007A



050005

Previews

White Background



This preview shows how the Hex color 3F848A looks on a white background.

Color Contrast Check

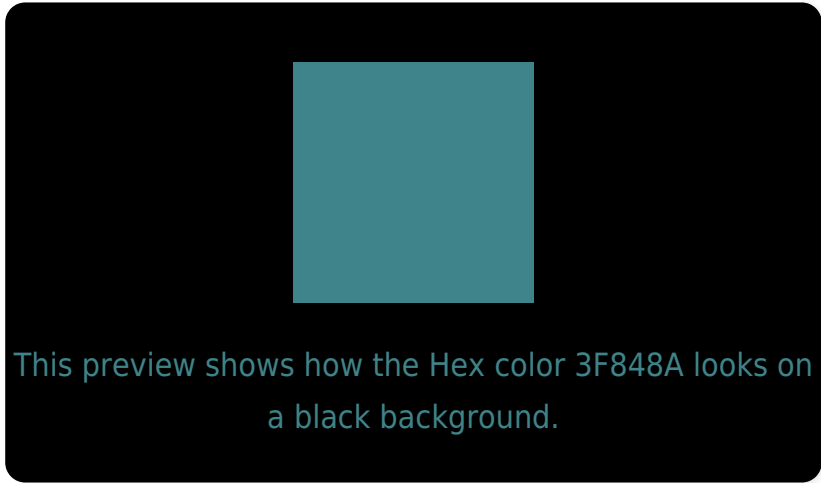
Large Text (above 18pt) WCAG AA ✓ Pass

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

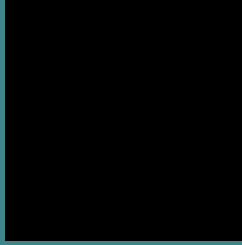
Any Text WCAG AA ✓ Pass

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 3F848A Background



This preview shows how black text looks on a background with the Hex color 3F848A.

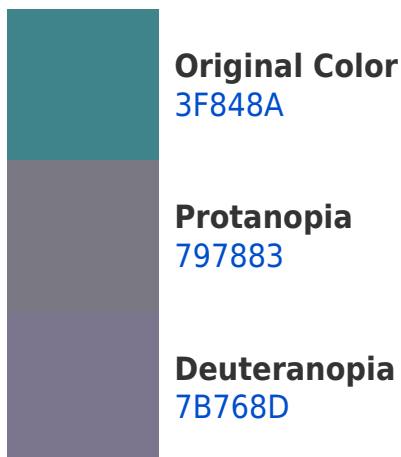


This preview shows how white text looks on a background with the Hex color 3F848A.

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
41838E

Trichromacy



Original Color
3F848A

Protanomaly
647C86

Deuteranomaly
657B8C

Tritanomaly
40838D

Monochromacy



Original Color
3F848A

Achromatopsia
707070

Achromatomaly
5E7779

CSS Examples

Text

The CSS property to change the color of the text to Hex 3F848A 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 #3F848A looks like.

```
.text, #text, p{  
    color:#3F848A  
}
```

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 #3F848A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3F848A
}
```

Border

The CSS property to change the border of an element to Hex 3F848A 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
#3F848A }
```

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

```
.border{ border-color:#3F848A }
```

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

Here you see how a box with a 4 pixel #3F848A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3F848A; -webkit-box-shadow:4px 4px  
4px 4px #3F848A; box-shadow:4px 4px 4px  
4px #3F848A }
```

Background

The CSS property to change the background color of an element to Hex 3F848A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3F848A }
```

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

```
.background{ background-color:#3F848A }
```

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