

Converting Colors

Hex(3F858F)

Have a look what the booklet for
Hex(3F858F) contains.

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Color

Hex(3F858F)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 3F858F |
| RGB | 63, 133, 143 |
| RGB Percent | 25%, 52%, 56% |
| CMY | 0.7529, 0.4784, 0.4392 |
| CMYK | 0.56, 0.07, 0.00, 0.44 |
| HSL | 188°, 39%, 40% |
| HSV | 188°, 56%, 56% |
| XYZ | 15.3954, 19.8150, 28.9999 |
| YIQ | 113.2100, -44.9300, -11.7300 |

Conversions

Conversions Part 2

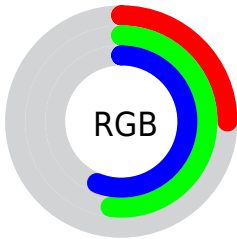
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 63, 100, 143 |
| Decimal | 4162959 |
| CIE Lab | 51.63, -18.94, -12.08 |
| CIE LCh | 52, 22.467, 212.527 |
| Yxy | 19.8150, 0.2398, 0.3086 |
| Android (android.graphics.Color) | 4282353039 (0xFF3F858F) |
| YUV | 113.2100, 14.6865, -44.0342 |
| Hunter-Lab | 44.5140, -16.1646, -7.4662 |

Details

The Hex color **3F858F** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **8F493F**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **76BAC5**, and **00535D** is the 20% darker color. If you saturate the color by 10%, you get **31838F**, and if you desaturate by 10%, it is **4D878F**.

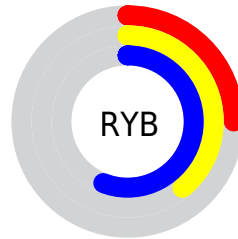
Distribution



Red (25%)

Green (52%)

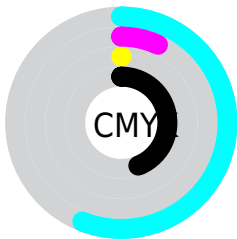
Blue (56%)



Red (25%)

Yellow (39%)

Blue (56%)

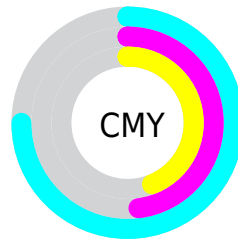


Cyan (56%)

Magenta (7%)

Yellow (0%)

Black (44%)



Cyan (75%)

Magenta (48%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3F858F 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 3F858F by changing the saturation by 10% instead.

3F858F

3F858F

FFFFFF

216C75

76BAC5

00535D

91D6E1

003C45

ADF3FD

00262F

CAFFFF

000C1B

E7FFFF

000000

3F858F

3F858F

31838F

4D878F

22818F

5C898F

■ 14808F

■ 6A8A8F

■ 067E8F

■ 788C8F

■ 007D8F

■ 878E8F

■ 95908F

■ A3928F

■ B1938F

■ C0958F

Harmonies

Analogous

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



48867C



3F858F



4B829D

Triad

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



3F858F



95708D



877A55

Complementary

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



3F858F



8F493F

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.



98745A



3F858F



A06D7A

Square

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



3F858F



80769B



A16F67



72805A

Rectangle

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



3F858F



5B7EA1



A16F67



8D7855

Sweetspot

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



3F858F



9BB6BA



3F8F48



4B5C5E



DEDEDE



5E5E5E

Same Dimension

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



3F858F



3DABBA



3F5E8F



404747



007687



000708

Inverse Universe

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



8F3F85



BA3DAB



8F703F



474047



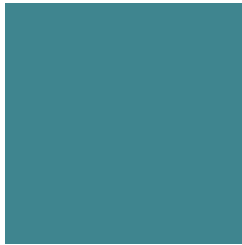
870076



080007

Previews

White Background



This preview shows how the Hex color 3F858F looks on a white background.

Color Contrast Check

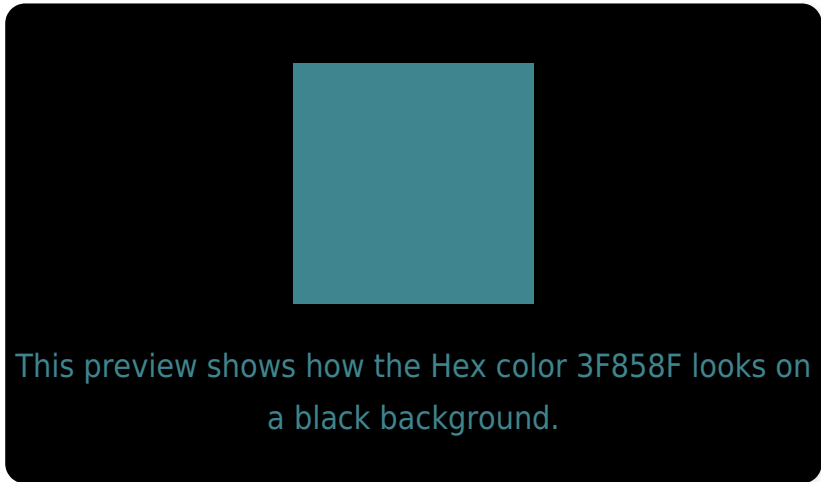
Large Text (above 18pt) WCAG AA ✓ Pass

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

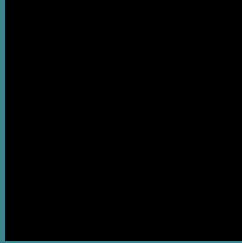
Any Text WCAG AA ✓ Pass

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 3F858F Background



This preview shows how black text looks on a background with the Hex color 3F858F.

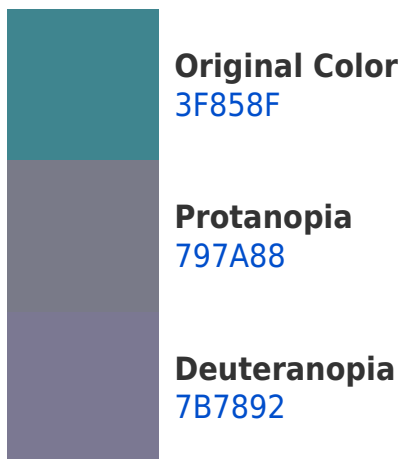


This preview shows how white text looks on a background with the Hex color 3F858F.

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
3F8590

Trichromacy



Original Color
3F858F

Protanomaly
647E8B

Deuteranomaly
657D91

Tritanomaly
3F8590

Monochromacy



Original Color
3F858F

Achromatopsia
717171

Achromatomaly
5F787C

CSS Examples

Text

The CSS property to change the color of the text to Hex 3F858F 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 #3F858F looks like.

```
.text, #text, p{  
    color:#3F858F  
}
```

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 #3F858F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3F858F
}
```

Border

The CSS property to change the border of an element to Hex 3F858F 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
#3F858F }
```

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

```
.border{ border-color:#3F858F }
```

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

Here you see how a box with a 4 pixel #3F858F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3F858F; -webkit-box-shadow:4px 4px  
4px 4px #3F858F; box-shadow:4px 4px 4px  
4px #3F858F }
```

Background

The CSS property to change the background color of an element to Hex 3F858F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3F858F }
```

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

```
.background{ background-color:#3F858F }
```

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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