

Converting Colors

Hex(00878F)

Have a look what the booklet for
Hex(00878F) contains.

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Color

Hex(00878F)

Conversions

Conversions Part 1

Format	Color
Hex	00878F
RGB	0, 135, 143
RGB Percent	0%, 53%, 56%
CMY	1.0000, 0.4706, 0.4392
CMYK	1.00, 0.06, 0.00, 0.44
HSL	183°, 100%, 28%
HSV	183°, 100%, 56%
XYZ	13.6219, 19.3111, 28.9961
YIQ	95.5470, -83.0280, -26.1320

Conversions

Conversions Part 2

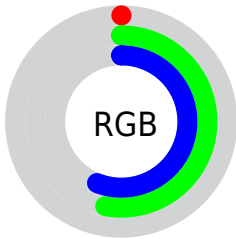
Format	Color
RYB	0, 69, 143
Decimal	34703
CIELab	51.05, -27.35, -13.07
CIELCh	51, 30.309, 205.548
Yxy	19.3111, 0.2200, 0.3118
Android (android.graphics.Color)	4278224783 (0xFF00878F)
YUV	95.5470, 23.3943, -83.7947
Hunter-Lab	43.9444, -21.5713, -8.3605

Details

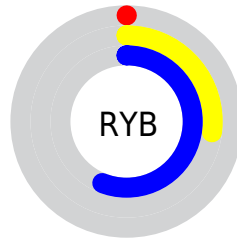
The Hex color **00878F** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **8F0800**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **56BDC5**, and **00555D** is the 20% darker color. If you saturate the color by 10%, you get **00878F**, and if you desaturate by 10%, it is **0E888F**.

Distribution



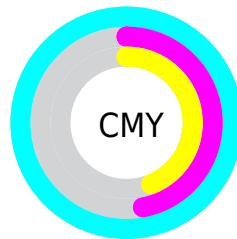
- Red (0%)
- Green (53%)
- Blue (56%)



- Red (0%)
- Yellow (27%)
- Blue (56%)



- Cyan (100%)
- Magenta (6%)
- Yellow (0%)
- Black (44%)



- Cyan (100%)
- Magenta (47%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00878F 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 00878F by changing the saturation by 10% instead.

 00878F

 00878F

FFFFFF

 006D75

 56BDC5

 00555D

 74D9E1

 003D45

 91F5FD

 00272F

 AEFFFF

 00091B

 CCFFFF

 000000

 EAFFFF

 00878F

 0E888F

 1D898F

 2B898F

 398A8F

 488B8F

 568C8F

 648D8F

 728D8F

 818E8F

Harmonies

Analogous

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



328775



00878F



1984A4

Triad

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



00878F



976B97



8E7746

Complementary

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



00878F



8F0800

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.



A26E50



00878F



A8667F

Square

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



00878F



7774A8



AC6765



747F4A

Rectangle

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



00878F



3C80AB



AC6765



957448

Sweetspot

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



00878F



82B7BA



008F07



3C5C5E



DEDEDE



5E5E5E

Same Dimension

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



00878F



00B0BA



00408F



404747



008087



000708

Inverse Universe

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



8F0087



BA00B0



8F4F00



474047



870080



080007

Previews

White Background



This preview shows how the Hex color 00878F looks on a white background.

Color Contrast Check

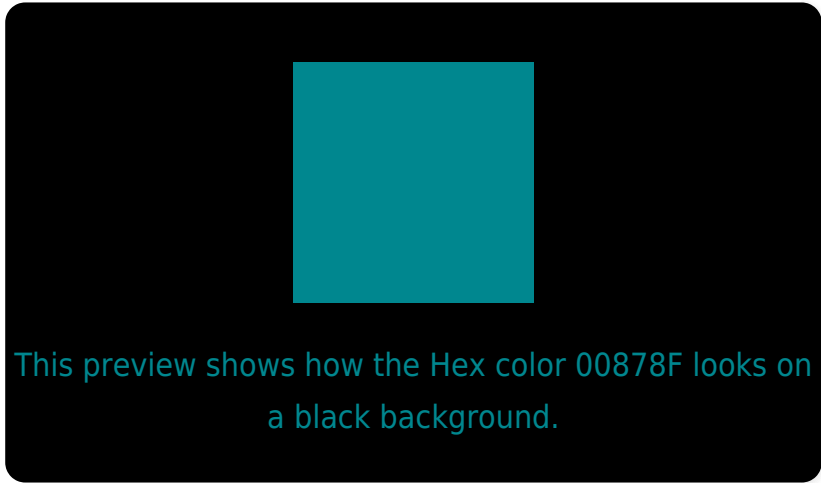
Large Text (above 18pt) WCAG AA ✓ Pass

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

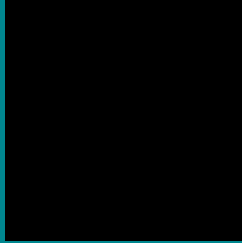
Any Text WCAG AA ✓ Pass

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 00878F Background



This preview shows how black text looks on a background with the Hex color 00878F.

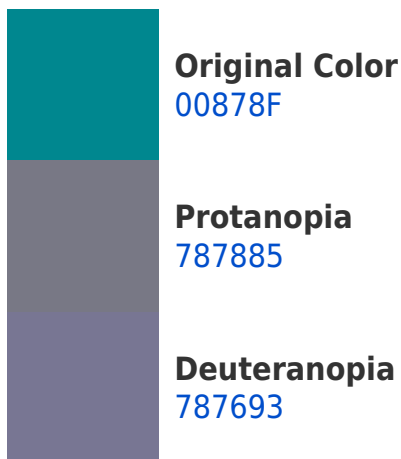


This preview shows how white text looks on a background with the Hex color 00878F.

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
0E8792

Trichromacy



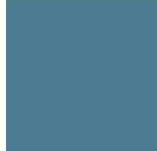
Original Color

00878F



Protanomaly

4C7D89



Deuteranomaly

4C7C92



Tritanomaly

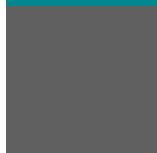
098791

Monochromacy



Original Color

00878F



Achromatopsia

606060



Achromatomaly

3D6E71

CSS Examples

Text

The CSS property to change the color of the text to Hex 00878F 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 #00878F looks like.

```
.text, #text, p{  
    color:#00878F  
}
```

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 #00878F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00878F
}
```

Border

The CSS property to change the border of an element to Hex 00878F 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
#00878F }
```

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

```
.border{ border-color:#00878F }
```

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

Here you see how a box with a 4 pixel #00878F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00878F; -webkit-box-shadow:4px 4px  
4px 4px #00878F; box-shadow:4px 4px 4px  
4px #00878F }
```

Background

The CSS property to change the background color of an element to Hex 00878F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00878F }
```

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

```
.background{ background-color:#00878F }
```

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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