

Converting Colors

Hex(00848E)

Have a look what the booklet for
Hex(00848E) contains.

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Color

Hex(00848E)

Conversions

Conversions Part 1

Format	Color
Hex	00848E
RGB	0, 132, 142
RGB Percent	0%, 52%, 56%
CMY	1.0000, 0.4824, 0.4431
CMYK	1.00, 0.07, 0.00, 0.44
HSL	184°, 100%, 28%
HSV	184°, 100%, 56%
XYZ	13.1337, 18.4555, 28.4612
YIQ	93.6720, -81.8820, -24.8740

Conversions

Conversions Part 2

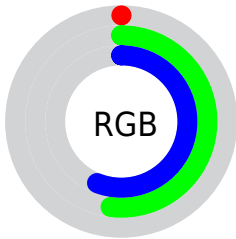
Format	Color
RYB	0, 68, 142
Decimal	33934
CIELab	50.04, -26.18, -14.01
CIELCh	50, 29.689, 208.154
Yxy	18.4555, 0.2187, 0.3073
Android (android.graphics.Color)	4278224014 (0xFF00848E)
YUV	93.6720, 23.8257, -82.1503
Hunter-Lab	42.9599, -20.6086, -9.2081

Details

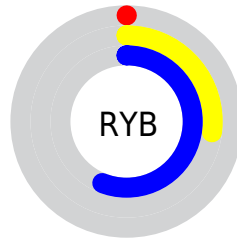
The Hex color **00848E** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **8E0A00**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **55B9C4**, and **00525C** is the 20% darker color. If you saturate the color by 10%, you get **00848E**, and if you desaturate by 10%, it is **0E858E**.

Distribution



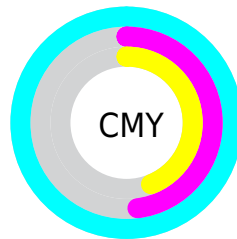
- Red (0%)
- Green (52%)
- Blue (56%)



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



- Cyan (100%)
- Magenta (7%)
- Yellow (0%)
- Black (44%)



- Cyan (100%)
- Magenta (48%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00848E 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 00848E by changing the saturation by 10% instead.

 00848E

 00848E

FFFFFF

 006A74

 55B9C4

 00525C

 73D5E0

 003A44

 90F2FC

 00252E

 ADFFFF

 00021A

 CBFFFF

 000000

 E8FFFF

 00848E

 0E858E

 1C868E

 2B878E

 39888E

 47898E

 558A8E

 638B8E

 728C8E

 808D8E

Harmonies

Analogous

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



2E8475



00848E



1F81A1

Triad

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



00848E



956892



897544

Complementary

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



00848E



8E0A00

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.



9D6C4D



00848E



A6637A

Square

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



00848E



7871A4



A76561



6F7D4A

Rectangle

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



00848E



407DA8



A76561



907246

Sweetspot

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



00848E



81B4B8



008E09



3B595C



DBDBDB



5C5C5C

Same Dimension

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



00848E



00ABB8



003E8E



404747



007E87



000708

Inverse Universe

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



8E0084



B800AB



8E5000



474047



87007E



080007

Previews

White Background



This preview shows how the Hex color 00848E looks on a white background.

Color Contrast Check

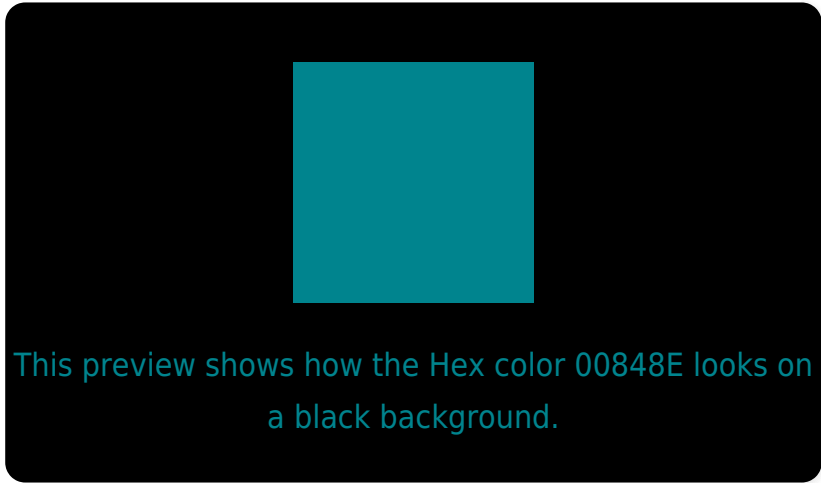
Large Text (above 18pt) WCAG AA ✓ Pass

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

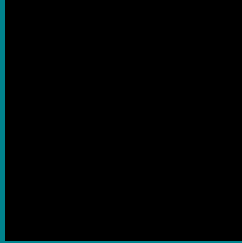
Any Text WCAG AA ✓ Pass

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 00848E Background



This preview shows how black text looks on a background with the Hex color 00848E.

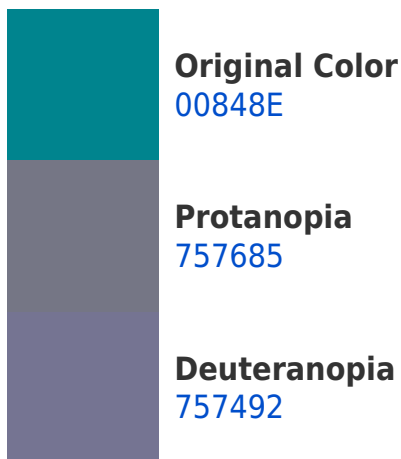


This preview shows how white text looks on a background with the Hex color 00848E.

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
07848F

Trichromacy



Original Color
00848E



Protanomaly
4A7B88



Deuteranomaly
4A7A91



Tritanomaly
04848F

Monochromacy



Original Color
00848E



Achromatopsia
5E5E5E



Achromatomaly
3C6C6F

CSS Examples

Text

The CSS property to change the color of the text to Hex 00848E 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 #00848E looks like.

```
.text, #text, p{  
    color:#00848E  
}
```

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 #00848E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00848E
}
```

Border

The CSS property to change the border of an element to Hex 00848E 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
#00848E }
```

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

```
.border{ border-color:#00848E }
```

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

Here you see how a box with a 4 pixel #00848E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00848E; -webkit-box-shadow:4px 4px  
4px 4px #00848E; box-shadow:4px 4px 4px  
4px #00848E }
```

Background

The CSS property to change the background color of an element to Hex 00848E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00848E }
```

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

```
.background{ background-color:#00848E }
```

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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