

Converting Colors

Hex(00838E)

Have a look what the booklet for
Hex(00838E) contains.

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Color

Hex(00838E)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 00838E |
| RGB | 0, 131, 142 |
| RGB Percent | 0%, 51%, 56% |
| CMY | 1.0000, 0.4863, 0.4431 |
| CMYK | 1.00, 0.08, 0.00, 0.44 |
| HSL | 185°, 100%, 28% |
| HSV | 185°, 100%, 56% |
| XYZ | 12.9988, 18.1856, 28.4162 |
| YIQ | 93.0850, -81.6070, -24.3510 |

Conversions

Conversions Part 2

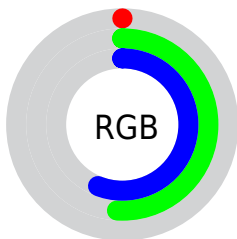
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 0, 68, 142 |
| Decimal | 33678 |
| CIELab | 49.72, -25.67, -14.50 |
| CIELCh | 50, 29.482, 209.458 |
| Yxy | 18.1856, 0.2181, 0.3051 |
| Android (android.graphics.Color) | 4278223758 (0xFF00838E) |
| YUV | 93.0850, 24.1151, -81.6355 |
| Hunter-Lab | 42.6446, -20.2182, -9.6567 |

Details

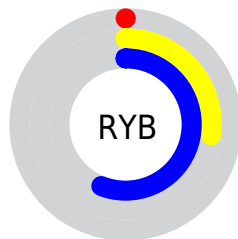
The Hex color **00838E** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **8E0B00**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **55B8C4**, and **00515C** is the 20% darker color. If you saturate the color by 10%, you get **00838E**, and if you desaturate by 10%, it is **0E848E**.

Distribution



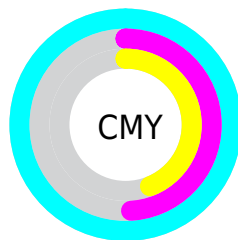
- Red (0%)
- Green (51%)
- Blue (56%)



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



- Cyan (100%)
- Magenta (8%)
- Yellow (0%)
- Black (44%)



- Cyan (100%)
- Magenta (49%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00838E 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 00838E by changing the saturation by 10% instead.

 00838E

 00838E

FFFFFF

 006A74

 55B8C4

 00515C

 73D4E0

 003A44

 90F1FC

 00242E

 ADFFFF

 00011A

 CAFFFF

 000000

 E8FFFF

 00838E

 0E848E

 1C858E

 2B868E

 39878E

 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.



2C8375



00838E



217FA1

Triad

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



00838E



956790



877544

Complementary

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



00838E



8E0B00

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.



9B6C4C



00838E



A56378

Square

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



00838E



7870A2



A6655F



6D7C4A

Rectangle

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



00838E



427BA7



A6655F



8E7245

Sweetspot

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



00838E



81B3B8



008E09



3B595C



DBDBDB



5C5C5C

Same Dimension

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



00838E



00A9B8



003E8E



404747



007D87



000708

Inverse Universe

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



8E0083



B800A9



8E5000



474047



87007D



080007

Previews

White Background



This preview shows how the Hex color 00838E looks on a white 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

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

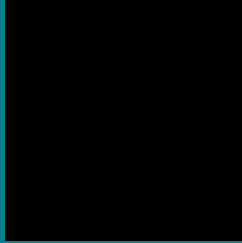
Any Text WCAG AA ✓ Pass

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 00838E Background



This preview shows how black text looks on a background with the Hex color 00838E.

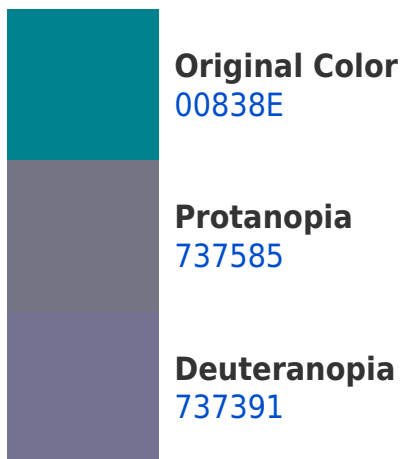


This preview shows how white text looks on a background with the Hex color 00838E.

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
00838E

Trichromacy



Original Color
00838E



Protanomaly
497A88



Deuteranomaly
497990



Tritanomaly
00838E

Monochromacy



Original Color
00838E



Achromatopsia
5D5D5D



Achromatomaly
3B6B6F

CSS Examples

Text

The CSS property to change the color of the text to Hex 00838E 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 #00838E looks like.

```
.text, #text, p{  
    color:#00838E  
}
```

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 #00838E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00838E
}
```

Border

The CSS property to change the border of an element to Hex 00838E 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
#00838E }
```

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

```
.border{ border-color:#00838E }
```

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

Here you see how a box with a 4 pixel #00838E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00838E; -webkit-box-shadow:4px 4px  
4px 4px #00838E; box-shadow:4px 4px 4px  
4px #00838E }
```

Background

The CSS property to change the background color of an element to Hex 00838E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00838E }
```

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

```
.background{ background-color:#00838E }
```

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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