

Converting Colors

Hex(007C8E)

Have a look what the booklet for
Hex(007C8E) contains.

Hex(007C8E)	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(007C8E)

Conversions

Conversions Part 1

Format	Color
Hex	007C8E
RGB	0, 124, 142
RGB Percent	0%, 49%, 56%
CMY	1.0000, 0.5137, 0.4431
CMYK	1.00, 0.13, 0.00, 0.44
HSL	188°, 100%, 28%
HSV	188°, 100%, 56%
XYZ	12.0901, 16.3683, 28.1134
YIQ	88.9760, -79.6820, -20.6900

Conversions

Conversions Part 2

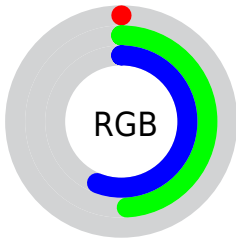
Format	Color
RYB	0, 66, 142
Decimal	31886
CIELab	47.45, -22.05, -17.95
CIELCh	47, 28.433, 219.150
Yxy	16.3683, 0.2137, 0.2893
Android (android.graphics.Color)	4278221966 (0xFF007C8E)
YUV	88.9760, 26.1408, -78.0320
Hunter-Lab	40.4578, -17.4593, -12.8791

Details

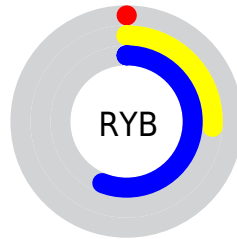
The Hex color **007C8E** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **8E1200**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **54B1C4**, and **004B5C** is the 20% darker color. If you saturate the color by 10%, you get **007C8E**, and if you desaturate by 10%, it is **0E7E8E**.

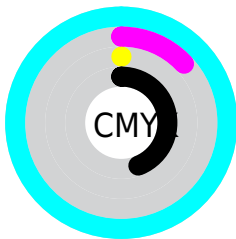
Distribution



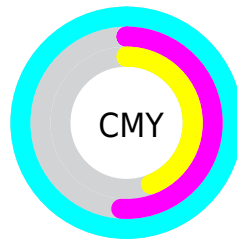
- Red (0%)
- Green (49%)
- Blue (56%)



- Red (0%)
- Yellow (26%)
- Blue (56%)



- Cyan (100%)
- Magenta (13%)
- Yellow (0%)
- Black (44%)



- Cyan (100%)
- Magenta (51%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 007C8E 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 007C8E by changing the saturation by 10% instead.

 007C8E

 007C8E

FFFFFF

 006374

 54B1C4

 004B5C

 72CCE0

 003444

 8FE9FC

 00202E

 ACFFFF

 000119

 C9FFFF

 000000

 E6FFFF

 007C8E

 0E7E8E

 1C808E

 2B818E

 39838E

 47858E

 55878E

 63898E

 728A8E

 808C8E

Harmonies

Analogous

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



1D7D77



007C8E



2F789D

Triad

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



007C8E



956082



797141

Complementary

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



007C8E



8E1200

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.



8E6944



007C8E



9F5E6A

Square

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



007C8E



7D6896



9C6254



5F784B

Rectangle

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



007C8E



4C73A0



9C6254



816F40

Sweetspot

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



007C8E



81B1B8



008E11



3B585C



DBDBDB



5C5C5C

Same Dimension

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



007C8E



00A0B8



00368E



404647



007687



000708

Inverse Universe

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



8E007C



B800A0



8E5800



474046



870076



080007

Previews

White Background



This preview shows how the Hex color 007C8E looks on a white background.

Color Contrast Check

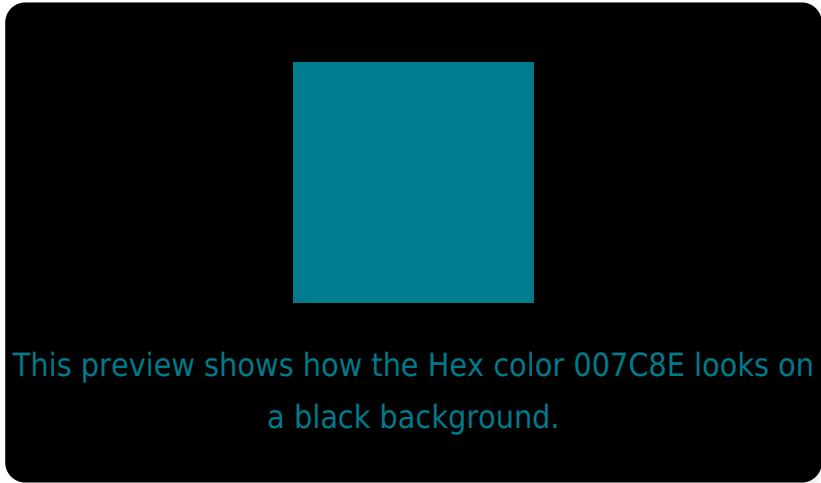
Large Text (above 18pt) WCAG AA ✓ Pass

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

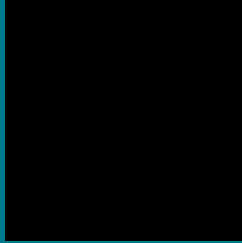
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 007C8E Background



This preview shows how black text looks on a background with the Hex color 007C8E.



This preview shows how white text looks on a background with the Hex color 007C8E.

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
007D87

Trichromacy



Original Color
007C8E

Protanomaly
457488

Deuteranomaly
437390

Tritanomaly
007D8A

Monochromacy



Original Color
007C8E

Achromatopsia
595959

Achromatomaly
39666C

CSS Examples

Text

The CSS property to change the color of the text to Hex 007C8E 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 #007C8E looks like.

```
.text, #text, p{  
    color:#007C8E  
}
```

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 #007C8E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #007C8E
}
```

Border

The CSS property to change the border of an element to Hex 007C8E 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
#007C8E }
```

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

```
.border{ border-color:#007C8E }
```

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

Here you see how a box with a 4 pixel #007C8E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #007C8E; -webkit-box-shadow:4px 4px  
4px 4px #007C8E; box-shadow:4px 4px 4px  
4px #007C8E }
```

Background

The CSS property to change the background color of an element to Hex 007C8E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#007C8E }
```

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

```
.background{ background-color:#007C8E }
```

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