

Converting Colors

Hex(006F8E)

Have a look what the booklet for
Hex(006F8E) contains.

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Color

Hex(006F8E)

Conversions

Conversions Part 1

Format	Color
Hex	006F8E
RGB	0, 111, 142
RGB Percent	0%, 44%, 56%
CMY	1.0000, 0.5647, 0.4431
CMYK	1.00, 0.22, 0.00, 0.44
HSL	193°, 100%, 28%
HSV	193°, 100%, 56%
XYZ	10.5669, 13.3219, 27.6056
YIQ	81.3450, -76.1070, -13.8910

Conversions

Conversions Part 2

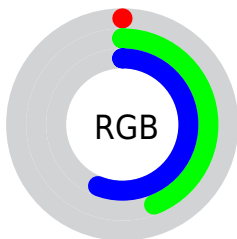
Format	Color
RYB	0, 62, 142
Decimal	28558
CIELab	43.24, -14.94, -24.44
CIELCh	43, 28.644, 238.558
Yxy	13.3219, 0.2052, 0.2587
Android (android.graphics.Color)	4278218638 (0xFF006F8E)
YUV	81.3450, 29.9029, -71.3396
Hunter-Lab	36.4991, -12.1957, -19.2938

Details

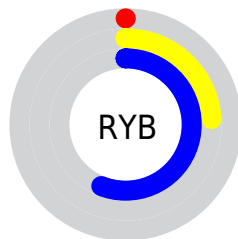
The Hex color **006F8E** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **8E1F00**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **52A3C4**, and **003F5C** is the 20% darker color. If you saturate the color by 10%, you get **006F8E**, and if you desaturate by 10%, it is **0E728E**.

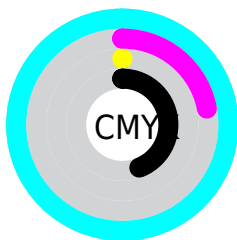
Distribution



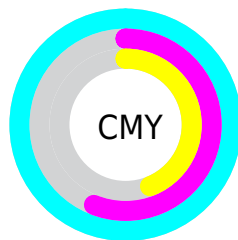
- Red (0%)
- Green (44%)
- Blue (56%)



- Red (0%)
- Yellow (24%)
- Blue (56%)



- Cyan (100%)
- Magenta (22%)
- Yellow (0%)
- Black (44%)



- Cyan (100%)
- Magenta (56%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 006F8E 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 006F8E by changing the saturation by 10% instead.

006F8E

006F8E

FFFFFF

005774

52A3C4

003F5C

70BEE0

002944

8CDAFC

00162E

A9F6FF

000119

C6FFFF

000000

E4FFFF

006F8E

0E728E

 1C758E

 2B788E

 397B8E

 477E8E

 55828E

 63858E

 72888E

 808B8E

Harmonies

Analogous

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



00727C



006F8E



3F6995

Triad

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



006F8E



925368



5E6B3B

Complementary

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



006F8E



8E1F00

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.



766436



006F8E



935551

Square

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



006F8E



83587F



895C3E



41704D

Rectangle

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



006F8E



5B6393



895C3E



676938

Sweetspot

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



006F8E



81ACB8



008E1F



3B555C



DBDBDB



5C5C5C

Same Dimension

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



006F8E



0090B8



00288E



404647



006A87



000608

Inverse Universe

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



8E006F



B80090



8E6600



474046



87006A



080006

Previews

White Background



This preview shows how the Hex color 006F8E looks on a white background.

Color Contrast Check

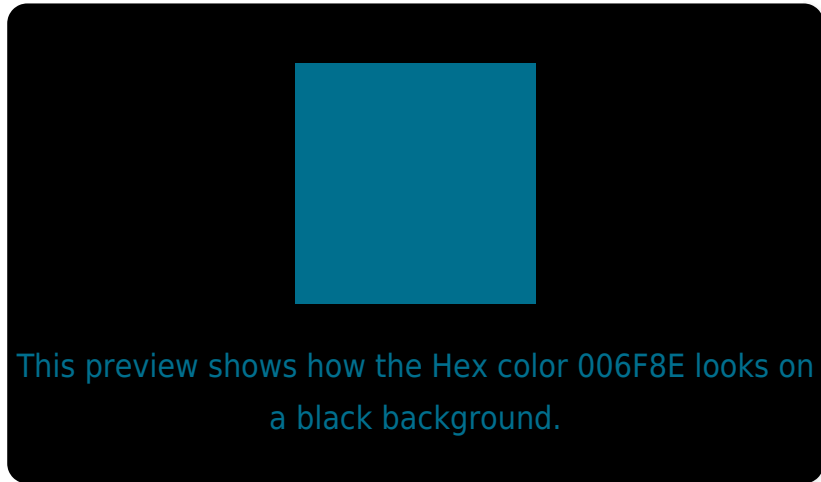
Large Text (above 18pt) WCAG AA ✓ Pass

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

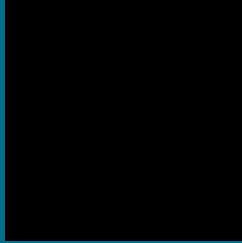
Any Text WCAG AA × Fail

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 006F8E Background



This preview shows how black text looks on a background with the Hex color 006F8E.



This preview shows how white text looks on a background with the Hex color 006F8E.

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
00717A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 006F8E 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 #006F8E looks like.

```
.text, #text, p{  
    color:#006F8E  
}
```

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 #006F8E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #006F8E
}
```

Border

The CSS property to change the border of an element to Hex 006F8E 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
#006F8E }
```

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

```
.border{ border-color:#006F8E }
```

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

Here you see how a box with a 4 pixel #006F8E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #006F8E; -webkit-box-shadow:4px 4px  
4px 4px #006F8E; box-shadow:4px 4px 4px  
4px #006F8E }
```

Background

The CSS property to change the background color of an element to Hex 006F8E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#006F8E }
```

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

```
.background{ background-color:#006F8E }
```

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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