

Converting Colors

Hex(086F7E)

Have a look what the booklet for
Hex(086F7E) contains.

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Color

Hex(086F7E)

Conversions

Conversions Part 1

Format	Color
Hex	086F7E
RGB	8, 111, 126
RGB Percent	3%, 44%, 49%
CMY	0.9686, 0.5647, 0.5059
CMYK	0.94, 0.12, 0.00, 0.51
HSL	188°, 88%, 26%
HSV	188°, 94%, 49%
XYZ	9.5505, 12.9269, 21.7304
YIQ	81.9130, -66.2030, -17.1710

Conversions

Conversions Part 2

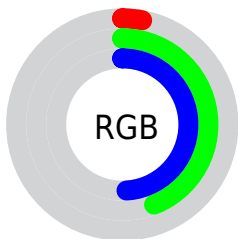
Format	Color
RYB	8, 63, 126
Decimal	552830
CIELab	42.65, -20.36, -15.75
CIELCh	43, 25.744, 217.725
Yxy	12.9269, 0.2160, 0.2924
Android (android.graphics.Color)	4278742910 (0xFF086F7E)
YUV	81.9130, 21.7349, -64.8217
Hunter-Lab	35.9539, -15.5043, -10.6669

Details

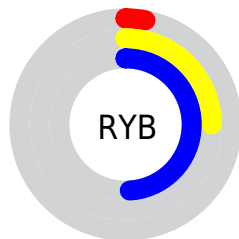
The Hex color **086F7E** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **7E1708**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **51A3B3**, and **003F4D** is the 20% darker color. If you saturate the color by 10%, you get **006E7E**, and if you desaturate by 10%, it is **15717E**.

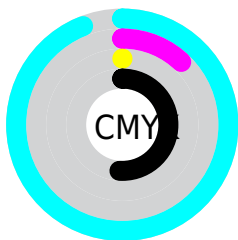
Distribution



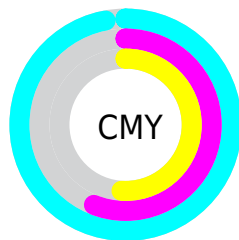
- Red (3%)
- Green (44%)
- Blue (49%)



- Red (3%)
- Yellow (25%)
- Blue (49%)



- Cyan (94%)
- Magenta (12%)
- Yellow (0%)
- Black (51%)



- Cyan (97%)
- Magenta (56%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 086F7E 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 086F7E by changing the saturation by 10% instead.

086F7E

086F7E

FFFFFF

005665

51A3B3

003F4D

6EBECE

002936

8ADAEA

001221

A6F7FF

000008

C3FFFF

000000

E0FFFF

FEFFFF

086F7E

086F7E

■ 006E7E

■ 15717E

■ 21727E

■ 2E747E

■ 3A757E

■ 47777E

■ 54797E

■ 607A7E

■ 6D7C7E

■ 797D7E

Harmonies

Analogous

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



1E706A



086F7E



2A6B8C

Triad

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



086F7E



845775



6D653A

Complementary

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



086F7E



7E1708

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.



805E3E



086F7E



8E5460

Square

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



086F7E



6E5D86



8C574C



566B42

Rectangle

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



086F7E



43678F



8C574C



74633A

Sweetspot

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



086F7E



769DA3



087E16



364E52



D1D1D1



525252

Same Dimension

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



086F7E



008EA3



08357E



393F40



006F80



000000

Inverse Universe

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



7E086F



A3008E



7E5108



40393F



80006F



000000

Previews

White Background



This preview shows how the Hex color 086F7E looks on a white background.

Color Contrast Check

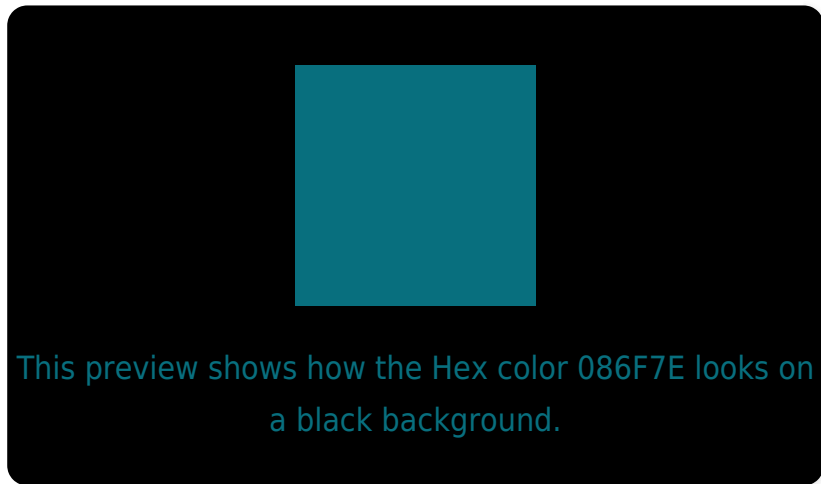
Large Text (above 18pt) WCAG AA ✓ Pass

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

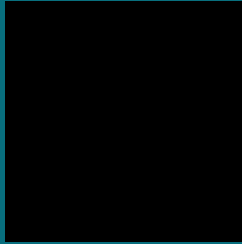
Any Text WCAG AA × Fail

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 086F7E Background



This preview shows how black text looks on a background with the Hex color 086F7E.

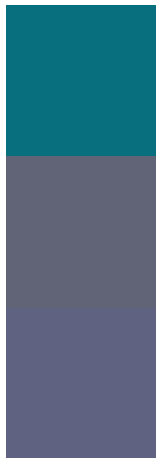


This preview shows how white text looks on a background with the Hex color 086F7E.

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



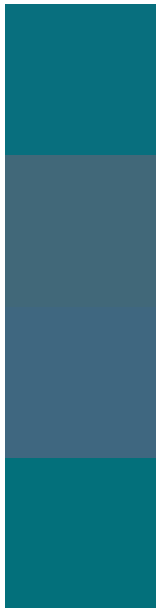
Original Color
086F7E

Protanopia
616476

Deuteranopia
5F6381



Trichromacy



Original Color
086F7E

Protanomaly
416879

Deuteranomaly
3F6780

Tritanomaly
03707B

Monochromacy



Original Color
086F7E

Achromatopsia
525252

Achromatomaly
375D62

CSS Examples

Text

The CSS property to change the color of the text to Hex 086F7E 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 #086F7E looks like.

```
.text, #text, p{  
    color:#086F7E  
}
```

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 #086F7E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #086F7E
}
```

Border

The CSS property to change the border of an element to Hex 086F7E 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
#086F7E }
```

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

```
.border{ border-color:#086F7E }
```

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

Here you see how a box with a 4 pixel #086F7E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #086F7E; -webkit-box-shadow:4px 4px  
4px 4px #086F7E; box-shadow:4px 4px 4px  
4px #086F7E }
```

Background

The CSS property to change the background color of an element to Hex 086F7E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#086F7E }
```

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

```
.background{ background-color:#086F7E }
```

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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