

Converting Colors

Hex(0B798E)

Have a look what the booklet for
Hex(0B798E) contains.

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Color

Hex(0B798E)

Conversions

Conversions Part 1

Format	Color
Hex	0B798E
RGB	11, 121, 142
RGB Percent	4%, 47%, 56%
CMY	0.9569, 0.5255, 0.4431
CMYK	0.92, 0.15, 0.00, 0.44
HSL	190°, 86%, 30%
HSV	190°, 92%, 56%
XYZ	11.8579, 15.6989, 27.9964
YIQ	90.5040, -72.3010, -16.7890

Conversions

Conversions Part 2

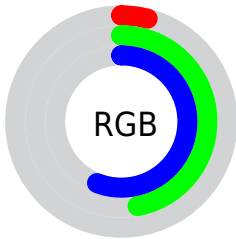
Format	Color
R_{YB}	11, 71, 142
Decimal	752014
CIE _{Lab}	46.58, -19.89, -19.29
CIE _{LCh}	47, 27.705, 224.118
Yxy	15.6989, 0.2135, 0.2826
Android (android.graphics.Color)	4278942094 (0xFF0B798E)
YUV	90.5040, 25.3875, -69.7250
Hunter-Lab	39.6218, -15.9174, -14.1585

Details

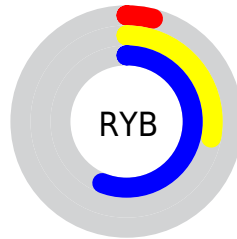
The Hex color **0B798E** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **8E200B**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **56AEC4**, and **00485C** is the 20% darker color. If you saturate the color by 10%, you get **00778E**, and if you desaturate by 10%, it is **197B8E**.

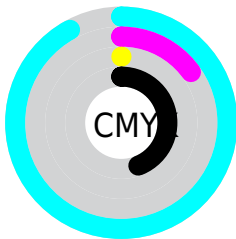
Distribution



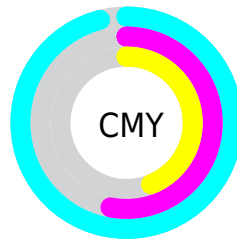
- Red (4%)
- Green (47%)
- Blue (56%)



- Red (4%)
- Yellow (28%)
- Blue (56%)



- Cyan (92%)
- Magenta (15%)
- Yellow (0%)
- Black (44%)



- Cyan (96%)
- Magenta (53%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0B798E 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 0B798E by changing the saturation by 10% instead.

0B798E

0B798E

FFFFFF

006074

56AEC4

00485C

74C9E0

003144

90E5FC

001E2E

ADFFFF

000119

CAFFFF

000000

E8FFFF

0B798E

0B798E

00778E

197B8E

■ 277E8E

■ 36808E

■ 44828E

■ 52848E

■ 60878E

■ 6E898E

■ 7D8B8E

■ 8B8D8E

Harmonies

Analogous

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



187B79



0B798E



36749B

Triad

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



0B798E



945E7C



737041

Complementary

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



0B798E



8E200B

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.



886942



0B798E



9C5C64

Square

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



0B798E



7F6490



97614F



59764C

Rectangle

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



0B798E



52709C



97614F



7B6E3F

Sweetspot

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



0B798E



84AFB8



0B8E1F



3D575C



DBDBDB



5C5C5C

Same Dimension

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



0B798E



009AB8



0B398E



404647



007187



000608

Inverse Universe

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



8E0B79



B8009A



8E600B



474046



870071



080006

Previews

White Background



This preview shows how the Hex color 0B798E looks on a white background.

Color Contrast Check

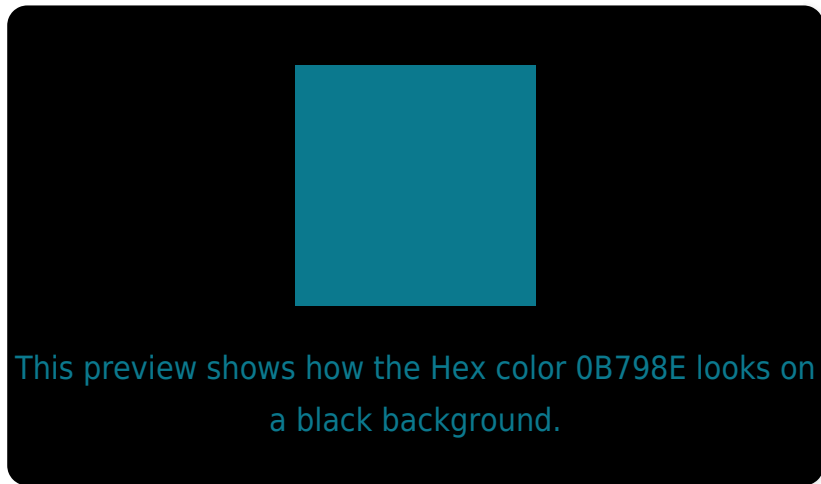
Large Text (above 18pt) WCAG AA ✓ Pass

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

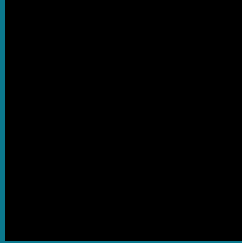
Any Text WCAG AA × Fail

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 0B798E Background



This preview shows how black text looks on a background with the Hex color 0B798E.

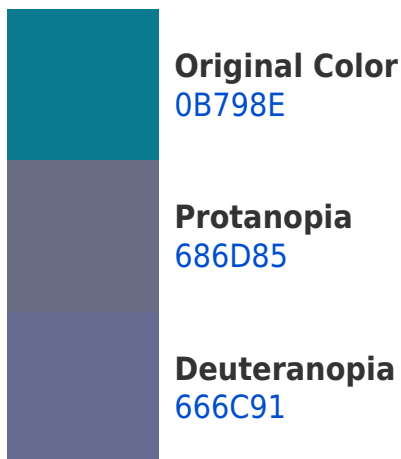


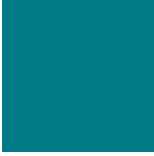
This preview shows how white text looks on a background with the Hex color 0B798E.

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
007A84

Trichromacy



Original Color
0B798E

Protanomaly
467188

Deuteranomaly
457190

Tritanomaly
047A88

Monochromacy



Original Color
0B798E

Achromatopsia
5B5B5B

Achromatomaly
3E666E

CSS Examples

Text

The CSS property to change the color of the text to Hex 0B798E 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 #0B798E looks like.

```
.text, #text, p{  
    color:#0B798E  
}
```

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 #0B798E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0B798E
}
```

Border

The CSS property to change the border of an element to Hex 0B798E 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
#0B798E }
```

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

```
.border{ border-color:#0B798E }
```

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

Here you see how a box with a 4 pixel #0B798E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0B798E; -webkit-box-shadow:4px 4px  
4px 4px #0B798E; box-shadow:4px 4px 4px  
4px #0B798E }
```

Background

The CSS property to change the background color of an element to Hex 0B798E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0B798E }
```

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

```
.background{ background-color:#0B798E }
```

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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