

Converting Colors

Hex(0A7896)

Have a look what the booklet for
Hex(0A7896) contains.

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Color

Hex(0A7896)

Conversions

Conversions Part 1

Format	Color
Hex	0A7896
RGB	10, 120, 150
RGB Percent	4%, 47%, 59%
CMY	0.9608, 0.5294, 0.4118
CMYK	0.93, 0.20, 0.00, 0.41
HSL	193°, 88%, 31%
HSV	193°, 93%, 59%
XYZ	12.3467, 15.6995, 31.2337
YIQ	90.5300, -75.1900, -13.9900

Conversions

Conversions Part 2

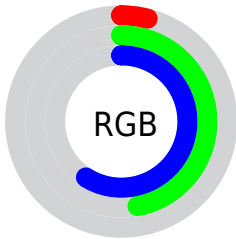
Format	Color
RYB	10, 72, 150
Decimal	686230
CIELab	46.58, -16.51, -24.01
CIELCh	47, 29.136, 235.492
Yxy	15.6995, 0.2083, 0.2648
Android (android.graphics.Color)	4278876310 (0xFF0A7896)
YUV	90.5300, 29.3187, -70.6248
Hunter-Lab	39.6226, -13.7177, -19.0014

Details

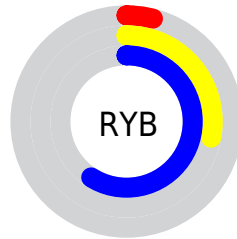
The Hex color **0A7896** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **96280A**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **58ACCC**, and **004763** is the 20% darker color. If you saturate the color by 10%, you get **007696**, and if you desaturate by 10%, it is **197B96**.

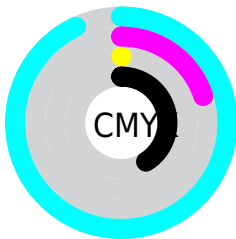
Distribution



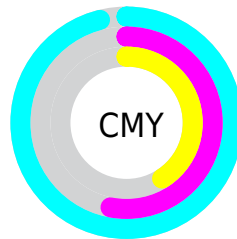
- Red (4%)
- Green (47%)
- Blue (59%)



- Red (4%)
- Yellow (28%)
- Blue (59%)



- Cyan (93%)
- Magenta (20%)
- Yellow (0%)
- Black (41%)



- Cyan (96%)
- Magenta (53%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0A7896 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 0A7896 by changing the saturation by 10% instead.

 0A7896

 0A7896

FFFFFF

 005F7C

 58ACCC

 004763

 75C8E8

 00314B

 92E4FF

 001D34

 AFFFFFF

 00021F

 CCFFFF

 000002

 EAFFFF

 000000

 0A7896

 0A7896

 007696

 197B96

■ 287E96

■ 378296

■ 468596

■ 558896

■ 648B96

■ 738F96

■ 829296

■ 919596

Harmonies

Analogous

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



007B83



0A7896



43729F

Triad

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



0A7896



9A5B73



697341

Complementary

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



0A7896



96280A

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.



826C3D



0A7896



9D5D5B

Square

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



0A7896



8A618A



946347



4C7852

Rectangle

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



0A7896



5F6C9D



946347



72713E

Sweetspot

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



0A7896



8CB6C2



0A9626



405A61



E0E0E0



616161

Same Dimension

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



0A7896



0098C2



0A3496



43484A



006C8A



00080A

Inverse Universe

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



960A78



C20098



966C0A



4A4348



8A006C



0A0008

Previews

White Background



This preview shows how the Hex color 0A7896 looks on a white background.

Color Contrast Check

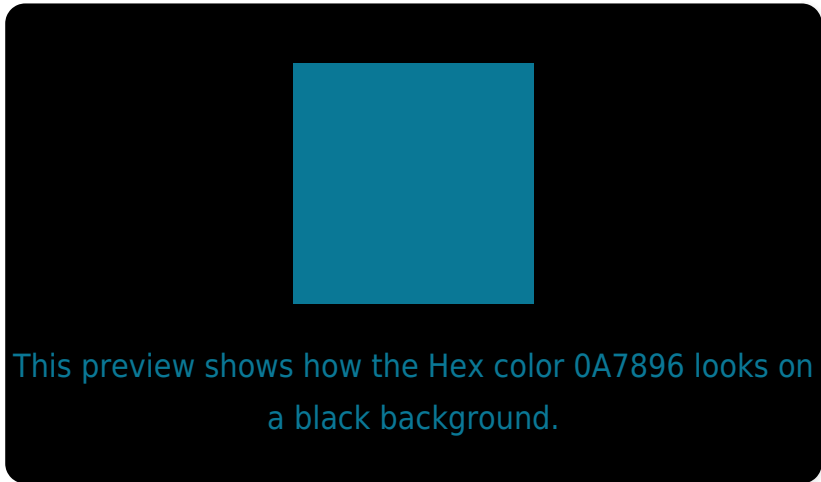
Large Text (above 18pt) WCAG AA ✓ Pass

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

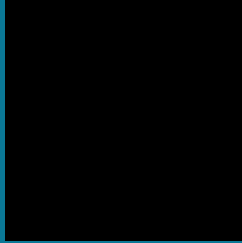
Any Text WCAG AA × Fail

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 0A7896 Background



This preview shows how black text looks on a background with the Hex color 0A7896.

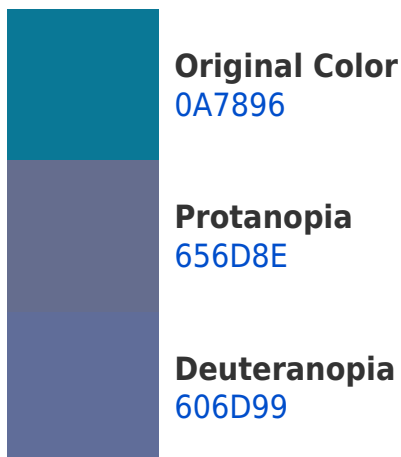


This preview shows how white text looks on a background with the Hex color 0A7896.

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



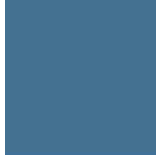


Tritanopia
007A84

Trichromacy



Original Color
0A7896



Protanomaly
447191



Deuteranomaly
417198



Tritanomaly
04798B

Monochromacy



Original Color
0A7896



Achromatopsia
5B5B5B



Achromatomaly
3E6670

CSS Examples

Text

The CSS property to change the color of the text to Hex 0A7896 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 #0A7896 looks like.

```
.text, #text, p{  
    color:#0A7896  
}
```

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 #0A7896 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0A7896
}
```

Border

The CSS property to change the border of an element to Hex 0A7896 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
#0A7896 }
```

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

```
.border{ border-color:#0A7896 }
```

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

Here you see how a box with a 4 pixel #0A7896 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0A7896; -webkit-box-shadow:4px 4px  
4px 4px #0A7896; box-shadow:4px 4px 4px  
4px #0A7896 }
```

Background

The CSS property to change the background color of an element to Hex 0A7896 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0A7896 }
```

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

```
.background{ background-color:#0A7896 }
```

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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