

Converting Colors

Hex(0A7789)

Have a look what the booklet for
Hex(0A7789) contains.

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Color

Hex(0A7789)

Conversions

Conversions Part 1

Format	Color
Hex	0A7789
RGB	10, 119, 137
RGB Percent	4%, 47%, 54%
CMY	0.9608, 0.5333, 0.4627
CMYK	0.93, 0.13, 0.00, 0.46
HSL	189°, 86%, 29%
HSV	189°, 93%, 54%
XYZ	11.2374, 15.0643, 25.9823
YIQ	88.4610, -70.7420, -17.5100

Conversions

Conversions Part 2

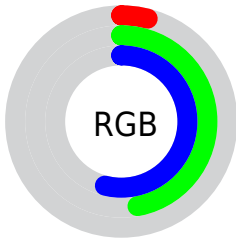
Format	Color
RYB	10, 69, 137
Decimal	685961
CIELab	45.72, -20.64, -17.63
CIElCh	46, 27.148, 220.507
Yxy	15.0643, 0.2149, 0.2881
Android (android.graphics.Color)	4278876041 (0xFF0A7789)
YUV	88.4610, 23.9297, -68.8103
Hunter-Lab	38.8128, -16.2418, -12.5214

Details

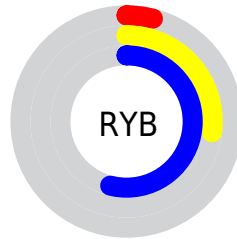
The Hex color **0A7789** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **891C0A**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **55ABBE**, and **004657** is the 20% darker color. If you saturate the color by 10%, you get **007689**, and if you desaturate by 10%, it is **187989**.

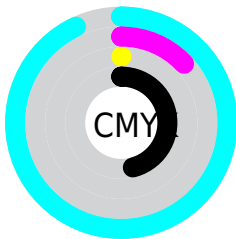
Distribution



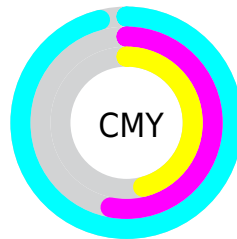
- Red (4%)
- Green (47%)
- Blue (54%)



- Red (4%)
- Yellow (27%)
- Blue (54%)



- Cyan (93%)
- Magenta (13%)
- Yellow (0%)
- Black (46%)



- Cyan (96%)
- Magenta (53%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0A7789 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 0A7789 by changing the saturation by 10% instead.

0A7789

0A7789

FFFFFF

005E70

55ABBE

004657

72C7DA

002F40

8FE3F7

001C2A

ABFFFF

000115

C8FFFF

000000

E6FFFF

0A7789

0A7789

007689

187989

■ 257B89

■ 337D89

■ 417F89

■ 4E8189

■ 5C8389

■ 6A8589

■ 788789

■ 858889

Harmonies

Analogous

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



1D7874



0A7789



317397

Triad

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



0A7789



8F5D7C



736D3F

Complementary

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



0A7789



891C0A

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.



886642



0A7789



985B65

Square

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



0A7789



79638F



955E50



5A7449

Rectangle

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



0A7789



4C6E99



955E50



7B6B3E

Sweetspot

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



0A7789



81ABB3



0A891B



3B5559



D9D9D9



595959

Same Dimension

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



0A7789



0099B3



0A3989



3E4445



007285



000405

Inverse Universe

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



890A77



B30099



895A0A



453E44



850072



050004

Previews

White Background



This preview shows how the Hex color 0A7789 looks on a white background.

Color Contrast Check

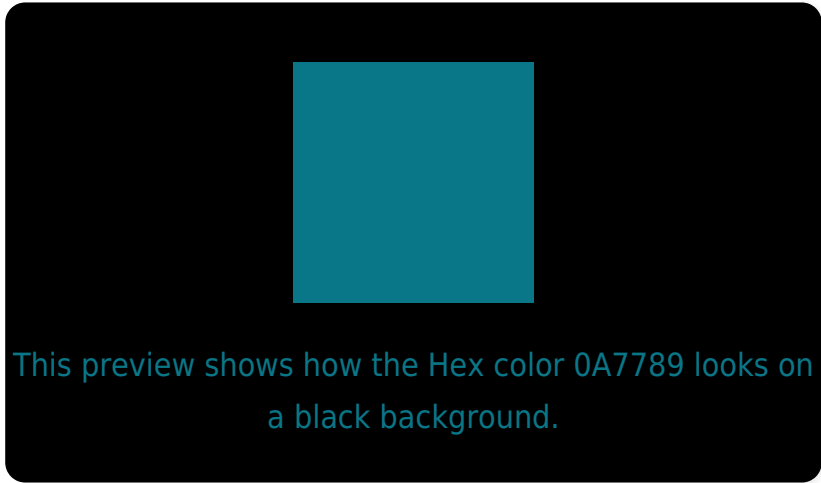
Large Text (above 18pt) WCAG AA ✓ Pass

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

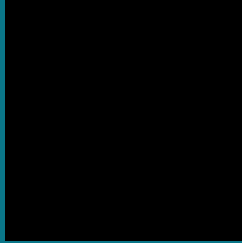
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

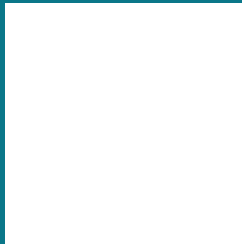
Any Text WCAG AAA × Fail

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

Hex 0A7789 Background



This preview shows how black text looks on a background with the Hex color 0A7789.

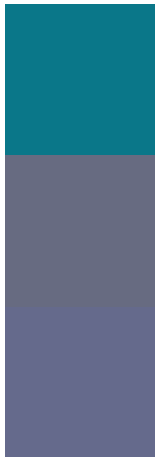


This preview shows how white text looks on a background with the Hex color 0A7789.

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
0A7789

Protanopia
676B81

Deuteranopia
656A8C



Tritanopia
007882

Trichromacy



Original Color
0A7789

Protanomaly
456F84

Deuteranomaly
446F8B

Tritanomaly
047885

Monochromacy



Original Color
0A7789

Achromatopsia
585858

Achromatomaly
3C636A

CSS Examples

Text

The CSS property to change the color of the text to Hex 0A7789 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 #0A7789 looks like.

```
.text, #text, p{  
    color:#0A7789  
}
```

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 #0A7789 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0A7789
}
```

Border

The CSS property to change the border of an element to Hex 0A7789 is called "border". The border property can be set on classes, ids or directly on the HTML element.

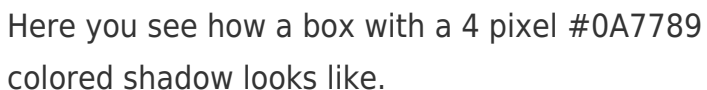
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#0A7789 }
```

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

```
.border{ border-color:#0A7789 }
```

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



Here you see how a box with a 4 pixel #0A7789 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0A7789; -webkit-box-shadow:4px 4px  
4px 4px #0A7789; box-shadow:4px 4px 4px  
4px #0A7789 }
```

Background

The CSS property to change the background color of an element to Hex 0A7789 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0A7789 }
```

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

```
.background{ background-color:#0A7789 }
```

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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