

Converting Colors

Hex(0C7A88)

Have a look what the booklet for
Hex(0C7A88) contains.

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Color

Hex(0C7A88)

Conversions

Conversions Part 1

Format	Color
Hex	0C7A88
RGB	12, 122, 136
RGB Percent	5%, 48%, 53%
CMY	0.9529, 0.5216, 0.4667
CMYK	0.91, 0.10, 0.00, 0.47
HSL	187°, 84%, 29%
HSV	187°, 91%, 53%
XYZ	11.5551, 15.7748, 25.7284
YIQ	90.7060, -70.0540, -18.9660

Conversions

Conversions Part 2

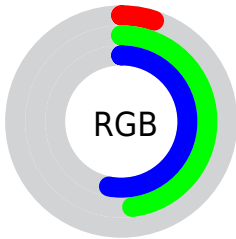
Format	Color
RYB	12, 70, 136
Decimal	817800
CIELab	46.68, -22.47, -15.58
CIElCh	47, 27.343, 214.740
Yxy	15.7748, 0.2178, 0.2973
Android (android.graphics.Color)	4279007880 (0xFF0C7A88)
YUV	90.7060, 22.3299, -69.0252
Hunter-Lab	39.7175, -17.5743, -10.6049

Details

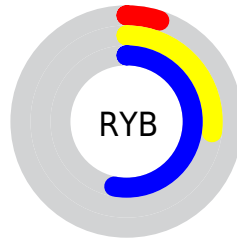
The Hex color **0C7A88** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **881A0C**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **56AFBD**, and **004956** is the 20% darker color. If you saturate the color by 10%, you get **007988**, and if you desaturate by 10%, it is **1A7C88**.

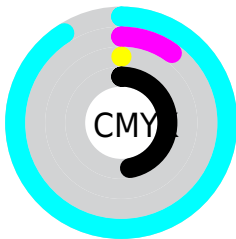
Distribution



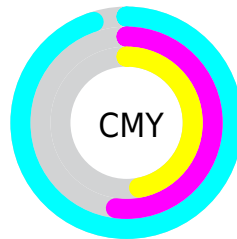
- Red (5%)
- Green (48%)
- Blue (53%)



- Red (5%)
- Yellow (27%)
- Blue (53%)



- Cyan (91%)
- Magenta (10%)
- Yellow (0%)
- Black (47%)



- Cyan (95%)
- Magenta (52%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0C7A88 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 0C7A88 by changing the saturation by 10% instead.

 0C7A88

 0C7A88

FFFFFF

 00616F

 56AFBD

 004956

 73CAD9

 00323F

 8FE6F6

 001E29

 ACFFFF

 000115

 C9FFFF

 000000

 E7FFFF

 0C7A88

 0C7A88

 007988

 1A7C88

■ 277D88

■ 357F88

■ 428088

■ 508288

■ 5E8388

■ 6B8588

■ 798688

■ 868888

Harmonies

Analogous

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



267B72



0C7A88



2B7698

Triad

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



0C7A88



8F6083



7A6E40

Complementary

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



0C7A88



881A0C

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.



8E6746



0C7A88



9A5D6C

Square

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



0C7A88



766794



9A6056



627548

Rectangle

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



0C7A88



46729C



9A6056



816C41

Sweetspot

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



0C7A88



80ABB0



0C8818



3D5659



D9D9D9



595959

Same Dimension

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



0C7A88



009CB0



0C3E88



3E4445



007685



000505

Inverse Universe

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



880C7A



B0009C



88560C



453E44



850076



050005

Previews

White Background



This preview shows how the Hex color 0C7A88 looks on a white background.

Color Contrast Check

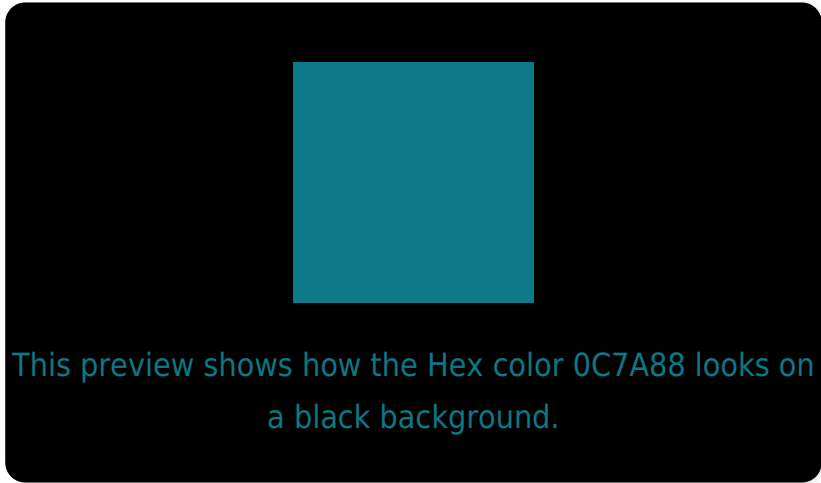
Large Text (above 18pt) WCAG AA ✓ Pass

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

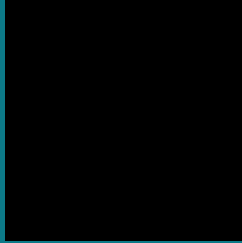
Any Text WCAG AA × Fail

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 0C7A88 Background



This preview shows how black text looks on a background with the Hex color 0C7A88.

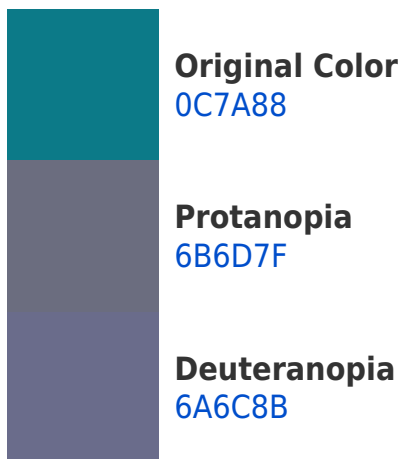


This preview shows how white text looks on a background with the Hex color 0C7A88.

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



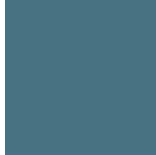


Tritanopia
007B84

Trichromacy



Original Color
0C7A88



Protanomaly
487282



Deuteranomaly
48718A



Tritanomaly
047B85

Monochromacy



Original Color
0C7A88



Achromatopsia
5B5B5B



Achromatomaly
3E666B

CSS Examples

Text

The CSS property to change the color of the text to Hex 0C7A88 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 #0C7A88 looks like.

```
.text, #text, p{  
    color:#0C7A88  
}
```

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 #0C7A88 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0C7A88
}
```

Border

The CSS property to change the border of an element to Hex 0C7A88 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
#0C7A88 }
```

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

```
.border{ border-color:#0C7A88 }
```

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

Here you see how a box with a 4 pixel #0C7A88 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0C7A88; -webkit-box-shadow:4px 4px  
4px 4px #0C7A88; box-shadow:4px 4px 4px  
4px #0C7A88 }
```

Background

The CSS property to change the background color of an element to Hex 0C7A88 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0C7A88 }
```

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

```
.background{ background-color:#0C7A88 }
```

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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