

Converting Colors

Hex(0B7991)

Have a look what the booklet for
Hex(0B7991) contains.

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Color

Hex(0B7991)

Conversions

Conversions Part 1

Format	Color
Hex	0B7991
RGB	11, 121, 145
RGB Percent	4%, 47%, 57%
CMY	0.9569, 0.5255, 0.4314
CMYK	0.92, 0.17, 0.00, 0.43
HSL	191°, 86%, 31%
HSV	191°, 92%, 57%
XYZ	12.0862, 15.7902, 29.1989
YIQ	90.8460, -73.2640, -15.8560

Conversions

Conversions Part 2

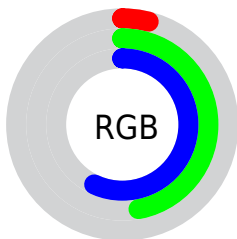
Format	Color
RYB	11, 71, 145
Decimal	752017
CIELab	46.70, -18.82, -20.87
CIELCh	47, 28.103, 227.963
Yxy	15.7902, 0.2118, 0.2767
Android (android.graphics.Color)	4278942097 (0xFF0B7991)
YUV	90.8460, 26.6979, -70.0249
Hunter-Lab	39.7369, -15.2478, -15.7507

Details

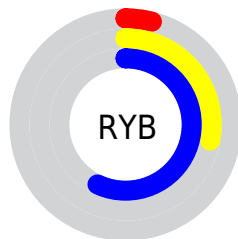
The Hex color **0B7991** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **91230B**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **57AEC7**, and **00485E** is the 20% darker color. If you saturate the color by 10%, you get **007791**, and if you desaturate by 10%, it is **197C91**.

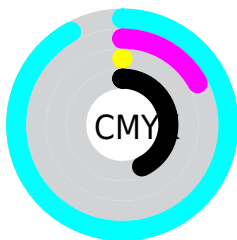
Distribution



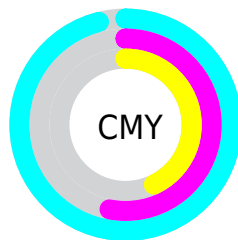
- Red (4%)
- Green (47%)
- Blue (57%)



- Red (4%)
- Yellow (28%)
- Blue (57%)



- Cyan (92%)
- Magenta (17%)
- Yellow (0%)
- Black (43%)



- Cyan (96%)
- Magenta (53%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0B7991 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 0B7991 by changing the saturation by 10% instead.

0B7991

0B7991

FFFFFF

006077

57AEC7

00485E

74C9E3

003147

91E5FF

001E30

AFFFFFF

00011B

CBFFFF

000000

E9FFFF

0B7991

0B7991

007791

197C91

■ 287E91

■ 368191

■ 458391

■ 538691

■ 628991

■ 708B91

■ 7F8E91

■ 8D9091

Harmonies

Analogous

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



107B7C



0B7991



3B749C

Triad

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



0B7991



965D79



707241

Complementary

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



0B7991



91230B

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.



876A41



0B7991



9D5D61

Square

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



0B7991



83638E



97624D



55774E

Rectangle

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



0B7991



576F9D



97624D



786F3F

Sweetspot

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



0B7991



88B3BD



0B9121



3E595E



DEDEDE



5E5E5E

Same Dimension

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



0B7991



009BBD



0B3891



404647



006F87



000608

Inverse Universe

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



910B79



BD009B



91640B



474046



87006F



080006

Previews

White Background



This preview shows how the Hex color 0B7991 looks on a white background.

Color Contrast Check

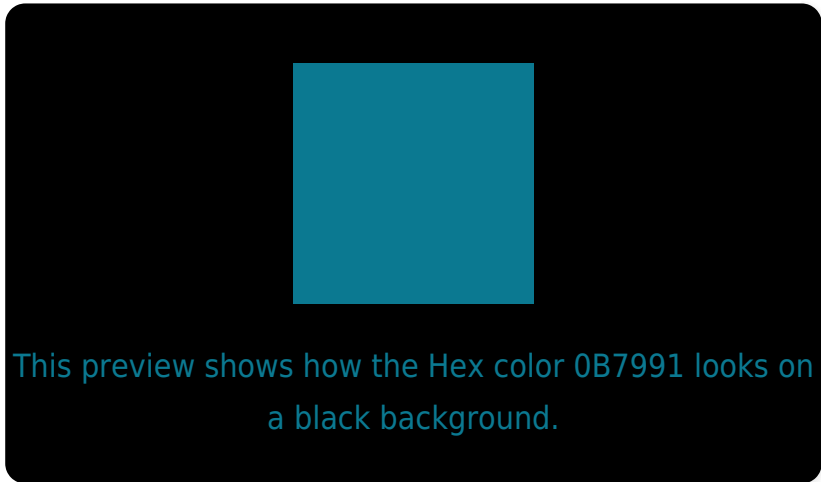
Large Text (above 18pt) WCAG AA ✓ Pass

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

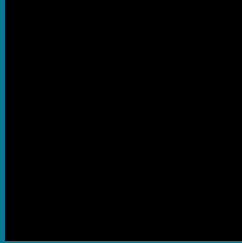
Any Text WCAG AA × Fail

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 0B7991 Background



This preview shows how black text looks on a background with the Hex color 0B7991.

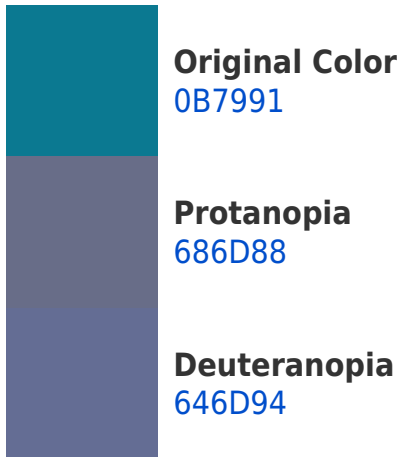


This preview shows how white text looks on a background with the Hex color 0B7991.

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
0B7991

Protanomaly
46718B

Deuteranomaly
447193

Tritanomaly
047A89

Monochromacy



Original Color
0B7991

Achromatopsia
5B5B5B

Achromatomaly
3E666F

CSS Examples

Text

The CSS property to change the color of the text to Hex 0B7991 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 #0B7991 looks like.

```
.text, #text, p{  
    color:#0B7991  
}
```

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 #0B7991 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0B7991
}
```

Border

The CSS property to change the border of an element to Hex 0B7991 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
#0B7991 }
```

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

```
.border{ border-color:#0B7991 }
```

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

Here you see how a box with a 4 pixel #0B7991 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0B7991; -webkit-box-shadow:4px 4px  
4px 4px #0B7991; box-shadow:4px 4px 4px  
4px #0B7991 }
```

Background

The CSS property to change the background color of an element to Hex 0B7991 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0B7991 }
```

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

```
.background{ background-color:#0B7991 }
```

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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