

Converting Colors

Hex(007991)

Have a look what the booklet for
Hex(007991) contains.

Hex(007991)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(007991)

Conversions

Conversions Part 1

Format	Color
Hex	007991
RGB	0, 121, 145
RGB Percent	0%, 47%, 57%
CMY	1.0000, 0.5255, 0.4314
CMYK	1.00, 0.17, 0.00, 0.43
HSL	190°, 100%, 28%
HSV	190°, 100%, 57%
XYZ	11.9482, 15.7191, 29.1924
YIQ	87.5570, -79.8200, -18.1880

Conversions

Conversions Part 2

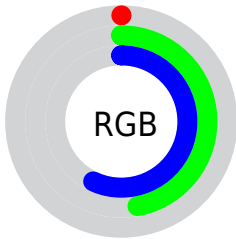
Format	Color
RYB	0, 66, 145
Decimal	31121
CIELab	46.60, -19.37, -21.03
CIELCh	47, 28.590, 227.344
Yxy	15.7191, 0.2101, 0.2765
Android (android.graphics.Color)	4278221201 (0xFF007991)
YUV	87.5570, 28.3194, -76.7875
Hunter-Lab	39.6473, -15.5896, -15.9023

Details

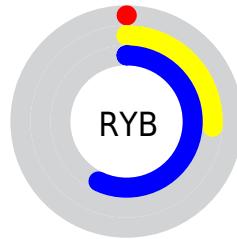
The Hex color **007991** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **911800**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **54AEC7**, and **00485E** is the 20% darker color. If you saturate the color by 10%, you get **007991**, and if you desaturate by 10%, it is **0E7B91**.

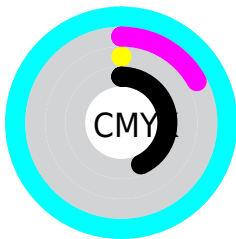
Distribution



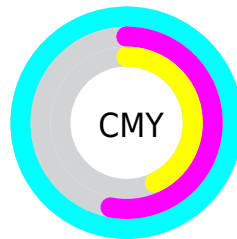
- Red (0%)
- Green (47%)
- Blue (57%)



- Red (0%)
- Yellow (26%)
- Blue (57%)



- Cyan (100%)
- Magenta (17%)
- Yellow (0%)
- Black (43%)



- Cyan (100%)
- Magenta (53%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Hex color 007991 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 007991 by changing the saturation by 10% instead.

 007991

 007991

FFFFFF

 006077

 54AEC7

 00485E

 72C9E3

 003147

 8FE5FF

 001E30

 ACFFFF

 00011B

 C9FFFF

 000000

 E7FFFF

 007991

 0E7B91

 1D7E91

 2C8091

 3A8391

 498591

 578791

 668A91

 748C91

 838F91

Harmonies

Analogous

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



097B7C



007991



38749D

Triad

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



007991



975D7A



707140

Complementary

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



007991



911800

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.



876940



007991



9D5C61

Square

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



007991



82638F



97614C



55774D

Rectangle

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



007991



556F9E



97614C



786F3E

Sweetspot

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



007991



84B3BD



009116



3C595E



DEDEDE



5E5E5E

Same Dimension

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



007991



009DBD



003391



404647



007187



000608

Inverse Universe

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



910079



BD009D



915E00



474046



870071



080006

Previews

White Background



This preview shows how the Hex color 007991 looks on a white background.

Color Contrast Check

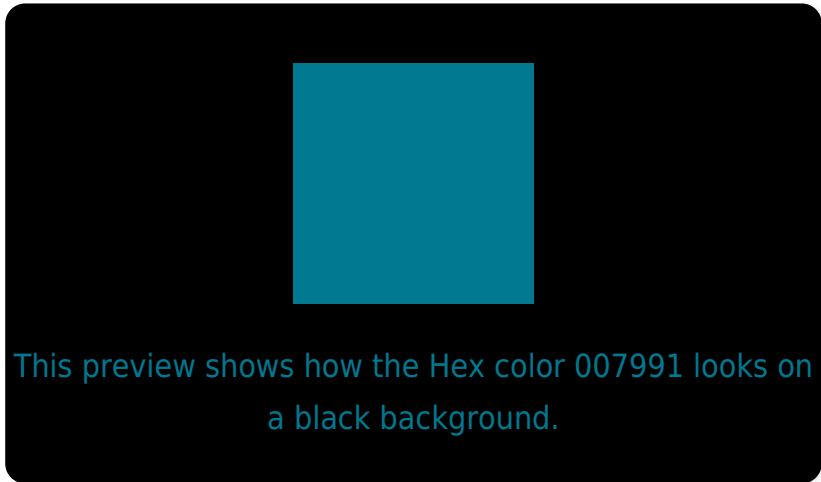
Large Text (above 18pt) WCAG AA ✓ Pass

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

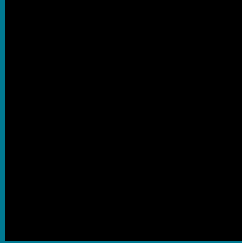
Any Text WCAG AA × Fail

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 007991 Background



This preview shows how black text looks on a background with the Hex color 007991.

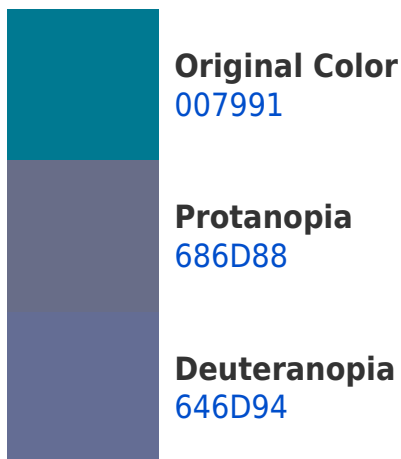


This preview shows how white text looks on a background with the Hex color 007991.

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
007991



Protanomaly
42718B



Deuteranomaly
407193



Tritanomaly
007A89

Monochromacy



Original Color
007991



Achromatopsia
585858



Achromatomaly
38646D

CSS Examples

Text

The CSS property to change the color of the text to Hex 007991 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 #007991 looks like.

```
.text, #text, p{  
    color:#007991  
}
```

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 #007991 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #007991
}
```

Border

The CSS property to change the border of an element to Hex 007991 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
#007991 }
```

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

```
.border{ border-color:#007991 }
```

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

Here you see how a box with a 4 pixel #007991 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #007991; -webkit-box-shadow:4px 4px  
4px 4px #007991; box-shadow:4px 4px 4px  
4px #007991 }
```

Background

The CSS property to change the background color of an element to Hex 007991 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#007991 }
```

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

```
.background{ background-color:#007991 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor