

Converting Colors

Hex(007999)

Have a look what the booklet for
Hex(007999) contains.

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Color

Hex(007999)

Conversions

Conversions Part 1

Format	Color
Hex	007999
RGB	0, 121, 153
RGB Percent	0%, 47%, 60%
CMY	1.0000, 0.5255, 0.4000
CMYK	1.00, 0.21, 0.00, 0.40
HSL	193°, 100%, 30%
HSV	193°, 100%, 60%
XYZ	12.5871, 15.9747, 32.5570
YIQ	88.4690, -82.3880, -15.7000

Conversions

Conversions Part 2

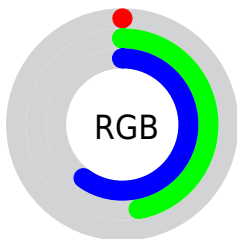
Format	Color
RYB	0, 68, 153
Decimal	31129
CIELab	46.94, -16.44, -25.22
CIELCh	47, 30.105, 236.901
Yxy	15.9747, 0.2059, 0.2614
Android (android.graphics.Color)	4278221209 (0xFF007999)
YUV	88.4690, 31.8138, -77.5873
Hunter-Lab	39.9683, -13.7299, -20.3181

Details

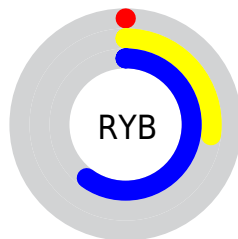
The Hex color **007999** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **992000**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **56ADCF**, and **004866** is the 20% darker color. If you saturate the color by 10%, you get **007999**, and if you desaturate by 10%, it is **0F7C99**.

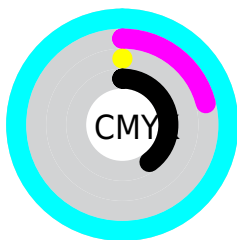
Distribution



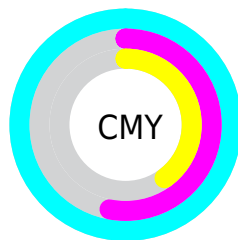
- Red (0%)
- Green (47%)
- Blue (60%)



- Red (0%)
- Yellow (27%)
- Blue (60%)



- Cyan (100%)
- Magenta (21%)
- Yellow (0%)
- Black (40%)



- Cyan (100%)
- Magenta (53%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 007999 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 007999 by changing the saturation by 10% instead.

 007999

 007999

FFFFFF

 00607F

 56ADCF

 004866

 74C9EC

 00324E

 91E5FF

 001E37

 AEFFFF

 000221

 CBFFFF

 000007

 E9FFFF

 000000

 007999

 0F7C99

 1F7F99

 2E8399

 3D8699

 4D8999

 5C8C99

 6B8F99

 7A9399

 8A9699

Harmonies

Analogous

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



007C85



007999



4473A1

Triad

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



007999



9D5B73



687541

Complementary

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



007999



992000

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.



826D3C



007999



A05D5A

Square

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



007999



8D618B



956446



4A7A53

Rectangle

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



007999



616DA0



956446



71723E

Sweetspot

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



007999



8BBAC7



00991F



405C63



E3E3E3



636363

Same Dimension

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



007999



009DC7



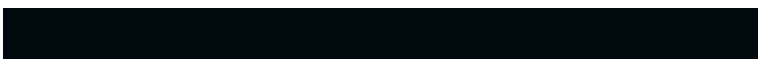
002E99



454B4D



006F8C



000A0D

Inverse Universe

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



990079



C7009D



996B00



4D454B



8C006F



0D000A

Previews

White Background



This preview shows how the Hex color 007999 looks on a white background.

Color Contrast Check

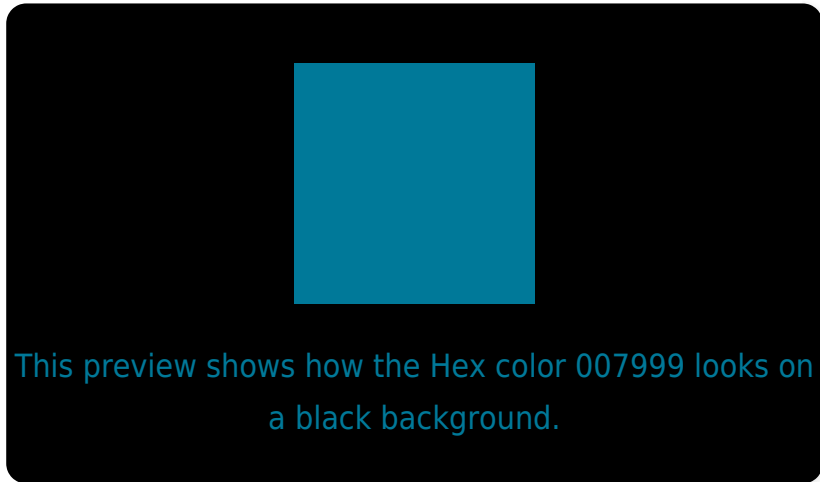
Large Text (above 18pt) WCAG AA ✓ Pass

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

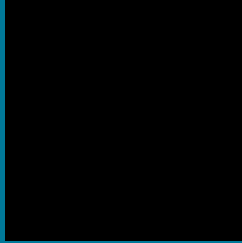
Any Text WCAG AA × Fail

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 007999 Background



This preview shows how black text looks on a background with the Hex color 007999.

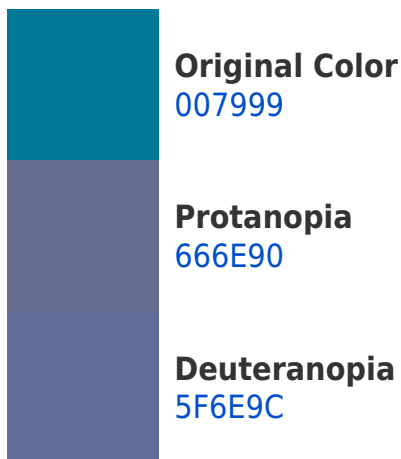


This preview shows how white text looks on a background with the Hex color 007999.

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](#).

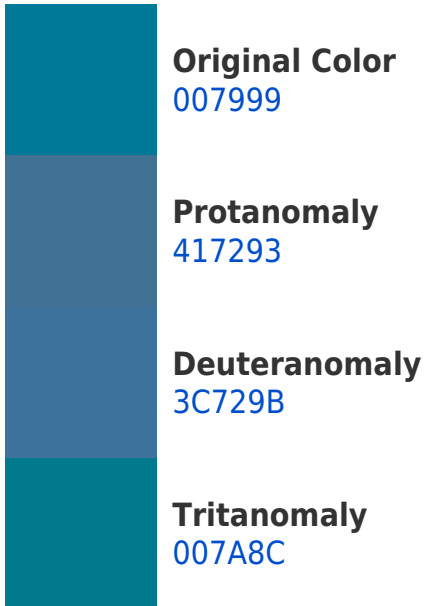
Dichromacy



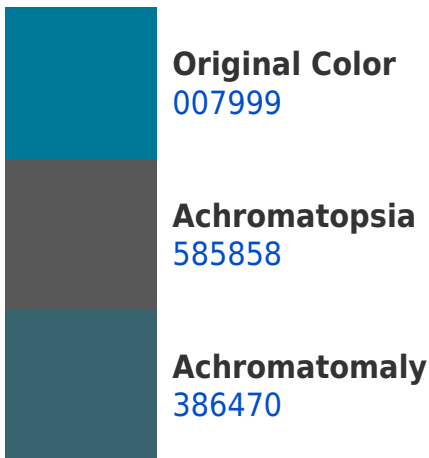


Tritanopia
007B85

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 007999 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 #007999 looks like.

```
.text, #text, p{  
    color:#007999  
}
```

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 #007999 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #007999
}
```

Border

The CSS property to change the border of an element to Hex 007999 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
#007999 }
```

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

```
.border{ border-color:#007999 }
```

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

Here you see how a box with a 4 pixel #007999 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #007999; -webkit-box-shadow:4px 4px  
4px 4px #007999; box-shadow:4px 4px 4px  
4px #007999 }
```

Background

The CSS property to change the background color of an element to Hex 007999 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#007999 }
```

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

```
.background{ background-color:#007999 }
```

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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