

Converting Colors

Hex(007C96)

Have a look what the booklet for
Hex(007C96) contains.

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Color

Hex(007C96)

Conversions

Conversions Part 1

Format	Color
Hex	007C96
RGB	0, 124, 150
RGB Percent	0%, 49%, 59%
CMY	1.0000, 0.5137, 0.4118
CMYK	1.00, 0.17, 0.00, 0.41
HSL	190°, 100%, 29%
HSV	190°, 100%, 59%
XYZ	12.7127, 16.6173, 31.3916
YIQ	89.8880, -82.2500, -18.2020

Conversions

Conversions Part 2

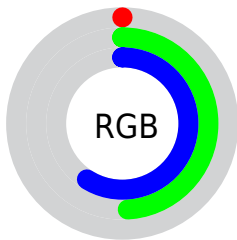
Format	Color
RYB	0, 68, 150
Decimal	31894
CIELab	47.77, -19.19, -22.17
CIELCh	48, 29.318, 229.126
Yxy	16.6173, 0.2094, 0.2737
Android (android.graphics.Color)	4278221974 (0xFF007C96)
YUV	89.8880, 29.6352, -78.8318
Hunter-Lab	40.7643, -15.6710, -17.1227

Details

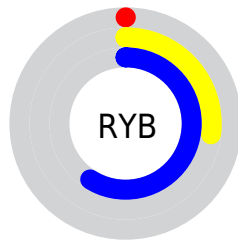
The Hex color **007C96** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **961A00**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **56B1CC**, and **004B63** is the 20% darker color. If you saturate the color by 10%, you get **007C96**, and if you desaturate by 10%, it is **0F7F96**.

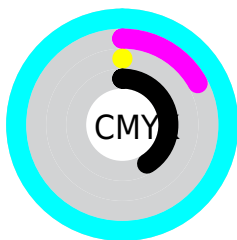
Distribution



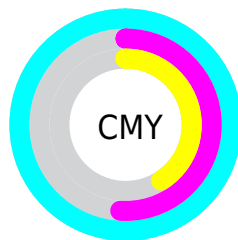
- Red (0%)
- Green (49%)
- Blue (59%)



- Red (0%)
- Yellow (27%)
- Blue (59%)



- Cyan (100%)
- Magenta (17%)
- Yellow (0%)
- Black (41%)



- Cyan (100%)
- Magenta (51%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Hex color 007C96 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 007C96 by changing the saturation by 10% instead.

 007C96

 007C96

FFFFFF

 00637C

 56B1CC

 004B63

 73CCE8

 00344B

 91E8FF

 002034

 AEFFFF

 00021F

 CBFFFF

 000003

 E9FFFF

 000000

 007C96

 0F7F96

 1E8196

 2D8496

 3C8696

 4B8996

 5A8C96

 698E96

 789196

 879396

Harmonies

Analogous

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



027E81



007C96



3C77A1

Triad

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



007C96



9C5F7B



727542

Complementary

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



007C96



961A00

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.



896D41



007C96



A15F62

Square

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



007C96



886592



9A644D



557B50

Rectangle

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



007C96



5971A2



9A644D



7A7240

Sweetspot

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



007C96



88B8C2



009619



3E5B61



E0E0E0



616161

Same Dimension

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



007C96



00A0C2



003296



43494A



00728A



00080A

Inverse Universe

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



96007C



C200A0



966400



4A4349



8A0072



0A0008

Previews

White Background



This preview shows how the Hex color 007C96 looks on a white background.

Color Contrast Check

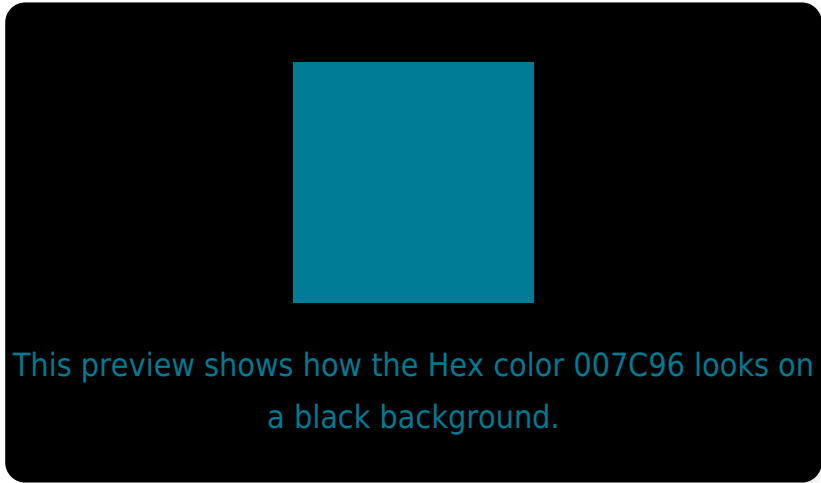
Large Text (above 18pt) WCAG AA ✓ Pass

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

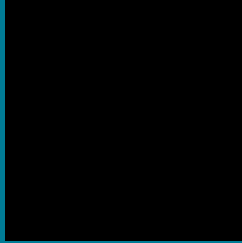
Any Text WCAG AA × Fail

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 007C96 Background



This preview shows how black text looks on a background with the Hex color 007C96.

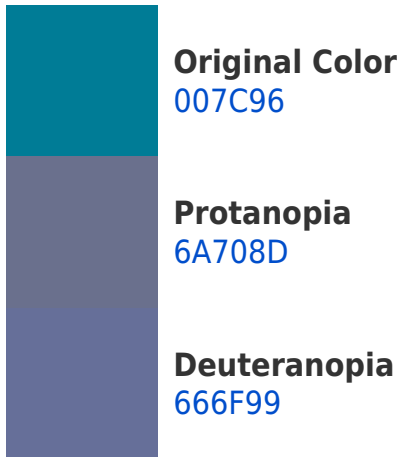


This preview shows how white text looks on a background with the Hex color 007C96.

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
007E88

Trichromacy



Original Color
007C96

Protanomaly
437490

Deuteranomaly
417498

Tritanomaly
007D8D

Monochromacy



Original Color
007C96

Achromatopsia
5A5A5A

Achromatomaly
396670

CSS Examples

Text

The CSS property to change the color of the text to Hex 007C96 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 #007C96 looks like.

```
.text, #text, p{  
    color:#007C96  
}
```

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 #007C96 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #007C96
}
```

Border

The CSS property to change the border of an element to Hex 007C96 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
#007C96 }
```

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

```
.border{ border-color:#007C96 }
```

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

Here you see how a box with a 4 pixel #007C96 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #007C96; -webkit-box-shadow:4px 4px  
4px 4px #007C96; box-shadow:4px 4px 4px  
4px #007C96 }
```

Background

The CSS property to change the background color of an element to Hex 007C96 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#007C96 }
```

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

```
.background{ background-color:#007C96 }
```

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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