

# Converting Colors

Hex(007C97)

Have a look what the booklet for  
Hex(007C97) contains.

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# Color

Hex(007C97)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	007C97
RGB	0, 124, 151
RGB Percent	0%, 49%, 59%
CMY	1.0000, 0.5137, 0.4078
CMYK	1.00, 0.18, 0.00, 0.41
HSL	191°, 100%, 30%
HSV	191°, 100%, 59%
XYZ	12.7936, 16.6497, 31.8176
YIQ	90.0020, -82.5710, -17.8910

# Conversions

## Conversions Part 2

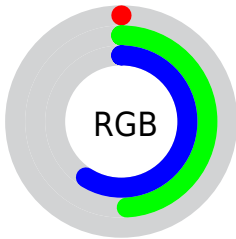
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 68, 151
Decimal	31895
CIELab	47.82, -18.82, -22.69
CIELCh	48, 29.482, 230.325
Yxy	16.6497, 0.2088, 0.2718
Android (android.graphics.Color)	4278221975 (0xFF007C97)
YUV	90.0020, 30.0720, -78.9318
Hunter-Lab	40.8040, -15.4407, -17.6695

# Details

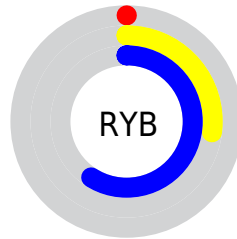
The Hex color **007C97** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **971B00**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **56B1CD**, and **004B64** is the 20% darker color. If you saturate the color by 10%, you get **007C97**, and if you desaturate by 10%, it is **0F7F97**.

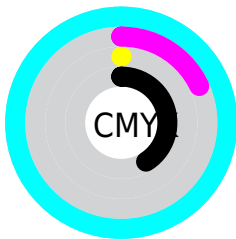
# Distribution



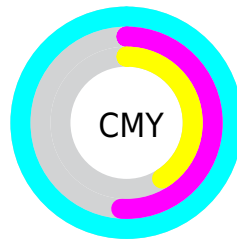
- Red (0%)
- Green (49%)
- Blue (59%)



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



- Cyan (100%)
- Magenta (18%)
- Yellow (0%)
- Black (41%)



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

# Brightness & Saturation Gradients

These gradients show how the Hex color 007C97 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 007C97 by changing the saturation by 10% instead.



 007C97

 007C97

FFFFFF

 00637D

 56B1CD

 004B64

 74CCEA

 00344C

 91E8FF

 002035

 AEFFFF

 000220

 CBFFFF

 000004

 E9FFFF

 000000

 007C97

 0F7F97

■ 1E8197

■ 2D8497

■ 3C8797

■ 4C8A97

■ 5B8C97

■ 6A8F97

■ 799297

■ 889497

# Harmonies

## Analogous

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



007F82



007C97



3D76A2

# Triad

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



007C97



9C5F7B



717542

# Complementary

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



007C97



971B00

# 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.



896D40



007C97



A25F61

# Square

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



007C97



896591



9A654C



547B51

# Rectangle

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



007C97



5B71A2



9A654C



797340



# Sweetspot

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



007C97



89BAC4



009719



405D63



E3E3E3



636363



# Same Dimension

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



007C97



00A1C4



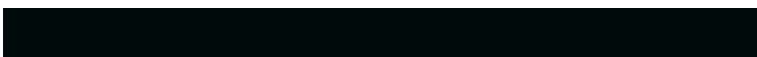
003297



454B4D



00738C



000A0D



# Inverse Universe

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



97007C



C400A1



976500



4D454B



8C0073



0D000A



# Previews

## White Background



This preview shows how the Hex color 007C97 looks on a white background.

## Color Contrast Check

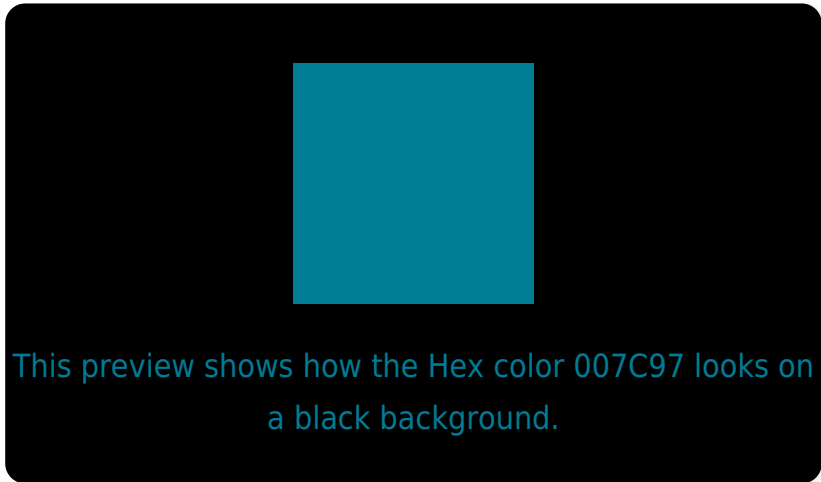
Large Text (above 18pt) WCAG AA ✓ Pass

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

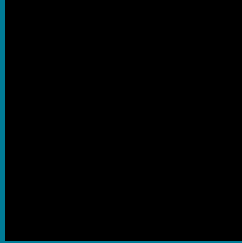
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 007C97 Background



This preview shows how black text looks on a background with the Hex color 007C97.

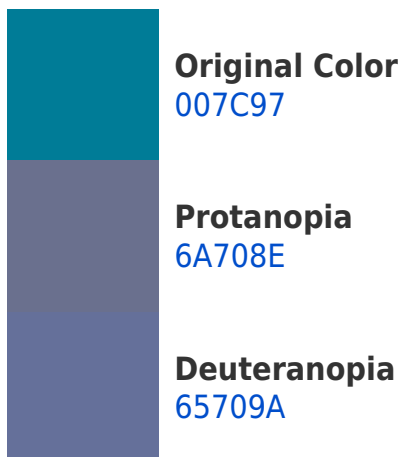


This preview shows how white text looks on a background with the Hex color 007C97.

# 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**  
007C97



**Protanomaly**  
437491



**Deuteranomaly**  
407499



**Tritanomaly**  
007D8D

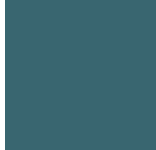
# Monochromacy



**Original Color**  
007C97



**Achromatopsia**  
5A5A5A



**Achromatomaly**  
396670

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 007C97 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 #007C97 looks like.

```
.text, #text, p{  
    color:#007C97  
}
```

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 #007C97 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #007C97
}
```

## Border

The CSS property to change the border of an element to Hex 007C97 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
#007C97 }
```

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

```
.border{ border-color:#007C97 }
```

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

Here you see how a box with a 4 pixel #007C97 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #007C97; -webkit-box-shadow:4px 4px  
4px 4px #007C97; box-shadow:4px 4px 4px  
4px #007C97 }
```

# Background

The CSS property to change the background color of an element to Hex 007C97 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#007C97 }
```

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

```
.background{ background-color:#007C97 }
```

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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