

# Converting Colors

Hex(004D7C)

Have a look what the booklet for  
Hex(004D7C) contains.

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# Color

**Hex(004D7C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	004D7C
RGB	0, 77, 124
RGB Percent	0%, 30%, 49%
CMY	1.0000, 0.6980, 0.5137
CMYK	1.00, 0.38, 0.00, 0.51
HSL	203°, 100%, 24%
HSV	203°, 100%, 49%
XYZ	6.2920, 6.7630, 20.0425
YIQ	59.3350, -60.9790, -1.7070

# Conversions

## Conversions Part 2

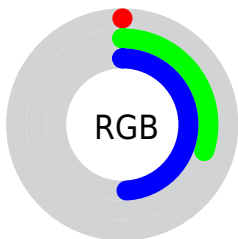
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 48, 124
Decimal	19836
CIELab	31.26, -1.45, -32.29
CIELCh	31, 32.318, 267.433
Yxy	6.7630, 0.1901, 0.2043
Android (android.graphics.Color)	4278209916 (0xFF004D7C)
YUV	59.3350, 31.8798, -52.0368
Hunter-Lab	26.0058, -2.3228, -27.4906

# Details

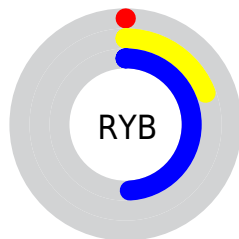
The Hex color **004D7C** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **7C2F00**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **4B7EB1**, and **00224B** is the 20% darker color. If you saturate the color by 10%, you get **004D7C**, and if you desaturate by 10%, it is **0C527C**.

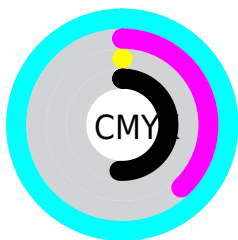
# Distribution



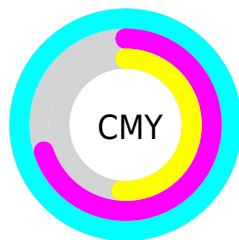
- Red (0%)
- Green (30%)
- Blue (49%)



- Red (0%)
- Yellow (19%)
- Blue (49%)



- Cyan (100%)
- Magenta (38%)
- Yellow (0%)
- Black (51%)



- Cyan (100%)
- Magenta (70%)
- Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 004D7C 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 004D7C by changing the saturation by 10% instead.



■ 004D7C

■ 004D7C

FFFFFF

■ 003763

■ 4B7EB1

■ 00224B

■ 6797CD

■ 000A34

■ 83B2E9

■ 00021E

■ 9FCDFE

■ 000000

■ BCEAFF

■ D9FFFF

■ F6FFFF

■ 004D7C

■ 0C527C

■ 19567C

■ 255B7C

■ 32607C

■ 3E647C

■ 4A697C

■ 576E7C

■ 63737C

■ 70777C

# Harmonies

## Analogous

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



005374



004D7C



474477

# Triad

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



004D7C



773534



1F542D

# Complementary

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



004D7C



7C2F00

# 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.



404F1A



004D7C



6D3E1F

# Square

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



004D7C



76334D



594814



005646

# Rectangle

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



004D7C



5E3D6C



594814



2C5226



# Sweetspot

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



004D7C



708EA1



007C2D



344652



D1D1D1



525252



# Same Dimension

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



004D7C



0064A1



00117C



373B3D



004E7D



009DFC



# Inverse Universe

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



7C004D



A10064



7C6B00



3D373B



7D004E



FC009D



# Previews

## White Background



This preview shows how the Hex color 004D7C looks on a white background.

## Color Contrast Check

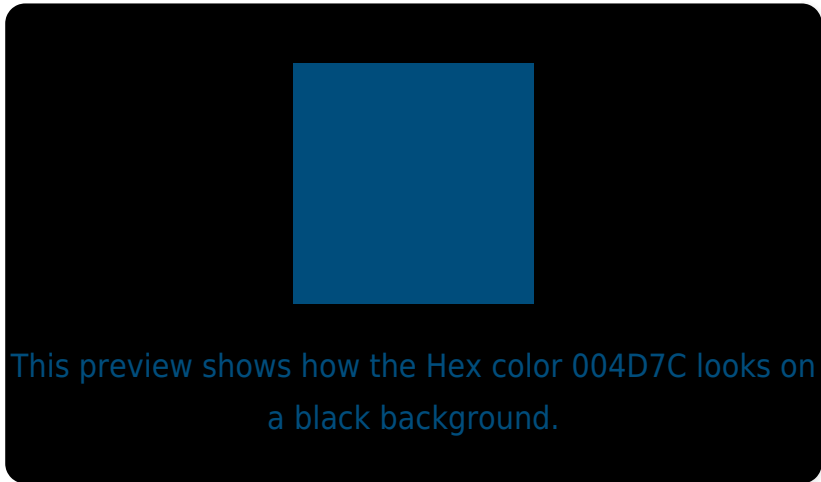
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

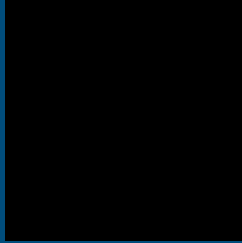
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 004D7C Background



This preview shows how black text looks on a background with the Hex color 004D7C.



This preview shows how white text looks on a background with the Hex color 004D7C.

# 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



# Trichromacy



**Original Color**  
004D7C

**Protanomaly**  
234A79

**Deuteranomaly**  
184B7D

# Monochromacy



**Original Color**  
004D7C

**Achromatopsia**  
3B3B3B

**Achromatomaly**  
264253

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 004D7C 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 #004D7C looks like.

```
.text, #text, p{  
    color:#004D7C  
}
```

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 #004D7C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #004D7C  
}
```

## Border

The CSS property to change the border of an element to Hex 004D7C 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  
#004D7C }
```

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

```
.border{ border-color:#004D7C }
```

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

Here you see how a box with a 4 pixel #004D7C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #004D7C; -webkit-box-shadow:4px 4px  
4px 4px #004D7C; box-shadow:4px 4px 4px  
4px #004D7C }
```

# Background

The CSS property to change the background color of an element to Hex 004D7C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#004D7C }
```

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

```
.background{ background-color:#004D7C }
```

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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