

# Converting Colors

Hex(004E7C)

Have a look what the booklet for  
Hex(004E7C) contains.

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# Color

Hex(004E7C)

# Conversions

## Conversions Part 1

Format	Color
Hex	004E7C
RGB	0, 78, 124
RGB Percent	0%, 31%, 49%
CMY	1.0000, 0.6941, 0.5137
CMYK	1.00, 0.37, 0.00, 0.51
HSL	202°, 100%, 24%
HSV	202°, 100%, 49%
XYZ	6.3625, 6.9040, 20.0661
YIQ	59.9220, -61.2540, -2.2300

# Conversions

## Conversions Part 2

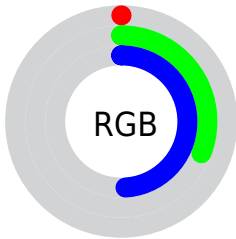
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 48, 124
Decimal	20092
CIELab	31.59, -2.10, -31.77
CIELCh	32, 31.837, 266.216
Yxy	6.9040, 0.1909, 0.2071
Android (android.graphics.Color)	4278210172 (0xFF004E7C)
YUV	59.9220, 31.5905, -52.5516
Hunter-Lab	26.2755, -2.7592, -26.8857

# Details

The Hex color **004E7C** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **7C2E00**, and the grayscale version is **3C3C3C**.

A 20% lighter version of the original color is **4B7FB1**, and **00224B** is the 20% darker color. If you saturate the color by 10%, you get **004E7C**, and if you desaturate by 10%, it is **0C537C**.

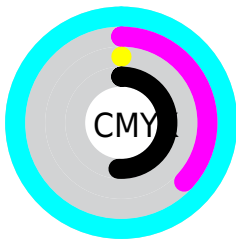
# Distribution



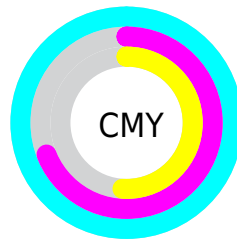
- Red (0%)
- Green (31%)
- Blue (49%)



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



- Cyan (100%)
- Magenta (37%)
- Yellow (0%)
- Black (51%)



- Cyan (100%)
- Magenta (69%)
- Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 004E7C 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 004E7C by changing the saturation by 10% instead.



■ 004E7C

■ 004E7C

FFFFFF

■ 003763

■ 4B7FB1

■ 00224B

■ 6799CC

■ 000C34

■ 83B3E9

■ 00021E

■ 9FCFFF

■ 000000

■ BCEBFF

■ D9FFFF

■ F6FFFF

■ 004E7C

■ 0C537C

■ 19577C

■ 255C7C

■ 32607C

■ 3E657C

■ 4A6A7C

■ 576E7C

■ 63737C

■ 70777C

# Harmonies

## Analogous

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



005473



004E7C



464577

# Triad

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



004E7C



783636



22542D

# Complementary

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



004E7C



7C2E00

# 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.



434F1B



004E7C



6E3F21

# Square

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



004E7C



76344F



5B4816



005646

# Rectangle

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



004E7C



5D3E6D



5B4816



2F5326



# Sweetspot

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



004E7C



708FA1



007C2D



344752



D1D1D1



525252



# Same Dimension

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



004E7C



0065A1



00117C



373B3D



004F7D



009FFC



# Inverse Universe

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



7C004E



A10065



7C6B00



3D373B



7D004F



FC009F



# Previews

## White Background



This preview shows how the Hex color 004E7C looks on a white background.

## Color Contrast Check

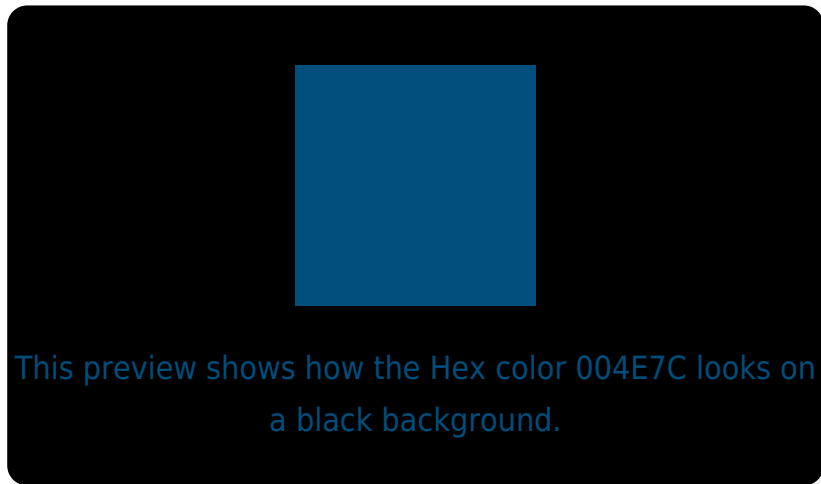
Large Text (above 18pt) WCAG AA ✓ Pass

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

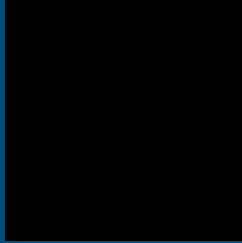
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 004E7C Background



This preview shows how black text looks on a background with the Hex color 004E7C.



This preview shows how white text looks on a background with the Hex color 004E7C.

# 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**  
004E7C

**Protanomaly**  
244B79

**Deuteranomaly**  
1A4C7D

**Tritanomaly**  
005166

# Monochromacy



**Original Color**  
004E7C

**Achromatopsia**  
3C3C3C

**Achromatomaly**  
264353

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 004E7C 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 #004E7C looks like.

```
.text, #text, p{  
    color:#004E7C  
}
```

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 #004E7C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #004E7C
}
```

## Border

The CSS property to change the border of an element to Hex 004E7C is called "border". The border property can be set on classes, ids or directly on the HTML element.

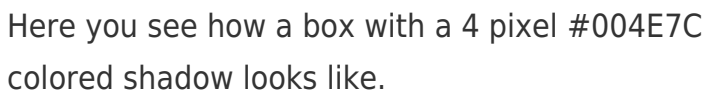
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#004E7C }
```

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

```
.border{ border-color:#004E7C }
```

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



Here you see how a box with a 4 pixel #004E7C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #004E7C; -webkit-box-shadow:4px 4px  
4px 4px #004E7C; box-shadow:4px 4px 4px  
4px #004E7C }
```

# Background

The CSS property to change the background color of an element to Hex 004E7C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#004E7C }
```

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

```
.background{ background-color:#004E7C }
```

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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