

Converting Colors

Hex(004E7A)

Have a look what the booklet for
Hex(004E7A) contains.

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Color

Hex(004E7A)

Conversions

Conversions Part 1

Format	Color
Hex	004E7A
RGB	0, 78, 122
RGB Percent	0%, 31%, 48%
CMY	1.0000, 0.6941, 0.5216
CMYK	1.00, 0.36, 0.00, 0.52
HSL	202°, 100%, 24%
HSV	202°, 100%, 48%
XYZ	6.2372, 6.8539, 19.4066
YIQ	59.6940, -60.6120, -2.8520

Conversions

Conversions Part 2

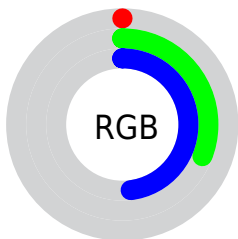
Format	Color
RYB	0, 48, 122
Decimal	20090
CIELab	31.47, -2.94, -30.71
CIELCh	31, 30.846, 264.522
Yxy	6.8539, 0.1919, 0.2109
Android (android.graphics.Color)	4278210170 (0xFF004E7A)
YUV	59.6940, 30.7169, -52.3516
Hunter-Lab	26.1800, -3.2883, -25.6242

Details

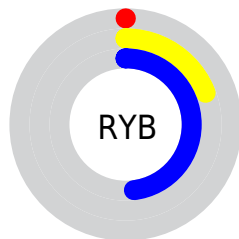
The Hex color **004E7A** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **7A2C00**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **4B7FAF**, and **002249** is the 20% darker color. If you saturate the color by 10%, you get **004E7A**, and if you desaturate by 10%, it is **0C527A**.

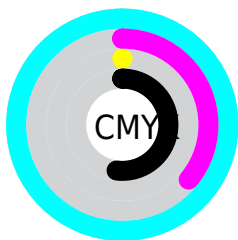
Distribution



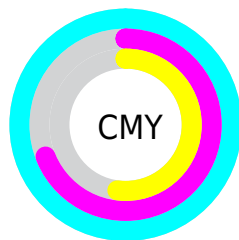
- Red (0%)
- Green (31%)
- Blue (48%)



- Red (0%)
- Yellow (19%)
- Blue (48%)



- Cyan (100%)
- Magenta (36%)
- Yellow (0%)
- Black (52%)



- Cyan (100%)
- Magenta (69%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 004E7A 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 004E7A by changing the saturation by 10% instead.

004E7A

004E7A

FFFFFF

003761

4B7FAF

002249

6799CA

000C32

82B3E6

00021C

9FCFFF

000000

BBEBFF

D8FFFF

F5FFFF

004E7A

■ 0C527A

■ 18577A

■ 255B7A

■ 31607A

■ 3D647A

■ 49687A

■ 556D7A

■ 62717A

■ 6E767A

Harmonies

Analogous

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



005371



004E7A



444576

Triad

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



004E7A



763737



26532D

Complementary

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



004E7A



7A2C00

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.



444F1C



004E7A



6D3E23

Square

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



004E7A



743550



5C4718



005645

Rectangle

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



004E7A



5B3F6D



5C4718



315226

Sweetspot

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



004E7A



6F8D9E



007A2B



33454F



CFCFCF



4F4F4F

Same Dimension

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



004E7A



00659E



00127A



373B3D



00507D



00A1FC

Inverse Universe

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



7A004E



9E0065



7A6800



3D373B



7D0050



FC00A1

Previews

White Background



This preview shows how the Hex color 004E7A looks on a white background.

Color Contrast Check

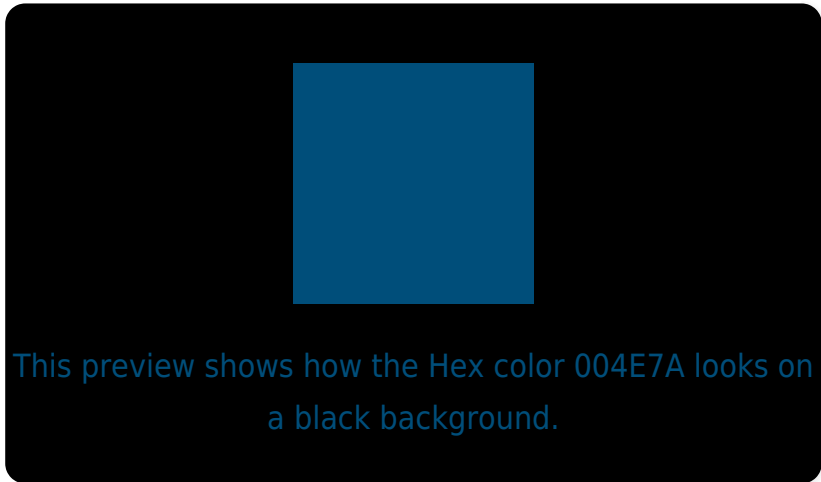
Large Text (above 18pt) WCAG AA ✓ Pass

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

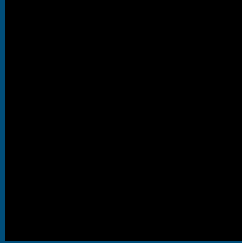
Any Text WCAG AA × Fail

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 004E7A Background



This preview shows how black text looks on a background with the Hex color 004E7A.



This preview shows how white text looks on a background with the Hex color 004E7A.

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



Original Color
004E7A

Protanopia
3A4975

Deuteranopia
2B4B7B

Trichromacy



Original Color
004E7A

Protanomaly
254B77

Deuteranomaly
1B4C7B

Monochromacy



Original Color
004E7A

Achromatopsia
3C3C3C

Achromatomaly
264353

CSS Examples

Text

The CSS property to change the color of the text to Hex 004E7A 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 #004E7A looks like.

```
.text, #text, p{  
    color:#004E7A  
}
```

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 #004E7A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #004E7A
}
```

Border

The CSS property to change the border of an element to Hex 004E7A 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
#004E7A }
```

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

```
.border{ border-color:#004E7A }
```

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

Here you see how a box with a 4 pixel #004E7A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #004E7A; -webkit-box-shadow:4px 4px  
4px 4px #004E7A; box-shadow:4px 4px 4px  
4px #004E7A }
```

Background

The CSS property to change the background color of an element to Hex 004E7A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#004E7A }
```

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

```
.background{ background-color:#004E7A }
```

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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