

# Converting Colors

Hex(003E7E)

Have a look what the booklet for  
Hex(003E7E) contains.

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# Color

**Hex(003E7E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	003E7E
RGB	0, 62, 126
RGB Percent	0%, 24%, 49%
CMY	1.0000, 0.7569, 0.5059
CMYK	1.00, 0.51, 0.00, 0.51
HSL	210°, 100%, 25%
HSV	210°, 100%, 49%
XYZ	5.4885, 4.9516, 20.4051
YIQ	50.7580, -57.4960, 6.7600

# Conversions

## Conversions Part 2

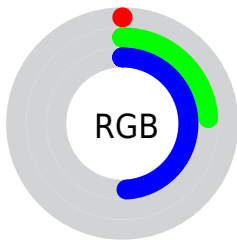
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	0, 42, 126
Decimal	15998
CIE Lab	26.60, 9.65, -41.01
CIE LCh	27, 42.131, 283.248
Yxy	4.9516, 0.1779, 0.1605
Android (android.graphics.Color)	4278206078 (0xFF003E7E)
YUV	50.7580, 37.0943, -44.5148
Hunter-Lab	22.2522, 5.0858, -38.7920

# Details

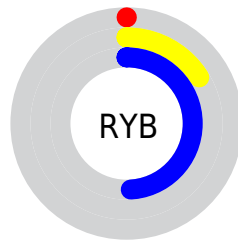
The Hex color **003E7E** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **7E4000**, and the grayscale version is **323232**.

A 20% lighter version of the original color is **4C6DB3**, and **00154C** is the 20% darker color. If you saturate the color by 10%, you get **003E7E**, and if you desaturate by 10%, it is **0D447E**.

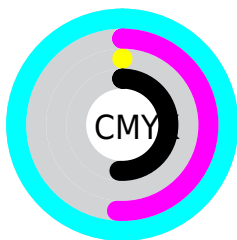
# Distribution



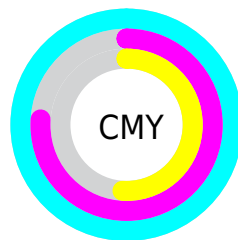
- Red (0%)
- Green (24%)
- Blue (49%)



- Red (0%)
- Yellow (16%)
- Blue (49%)



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



- Cyan (100%)
- Magenta (76%)
- Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 003E7E 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 003E7E by changing the saturation by 10% instead.



003E7E

003E7E

FFFFFF

002965

4C6DB3

00154C

6886CF

000535

84A0EB

00021F

A0BBFF

000002

BDD7FF

000000

DAF3FF

F7FFFF

003E7E

■ 0D447E

■ 194B7E

■ 26517E

■ 32587E

■ 3F5E7E

■ 4C647E

■ 586B7E

■ 65717E

■ 71787E

# Harmonies

## Analogous

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



00487D



003E7E



522F6E

# Triad

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



003E7E



6F2814



004C2B

# Complementary

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



003E7E



7E4000

# 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.



194909



003E7E



5C3700

# Square

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



003E7E



771B32



404200



004D4D

# Rectangle

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



003E7E



68245C



404200



004B20



# Sweetspot

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



003E7E



728AA3



007E3F



344352



D1D1D1



525252



# Same Dimension

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



003E7E



0050A3



00007E



393D40



003F80



000000



# Inverse Universe

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



7E003E



A30050



7E7E00



40393D



80003F



000000



# Previews

## White Background



This preview shows how the Hex color 003E7E looks on a white background.

## Color Contrast Check

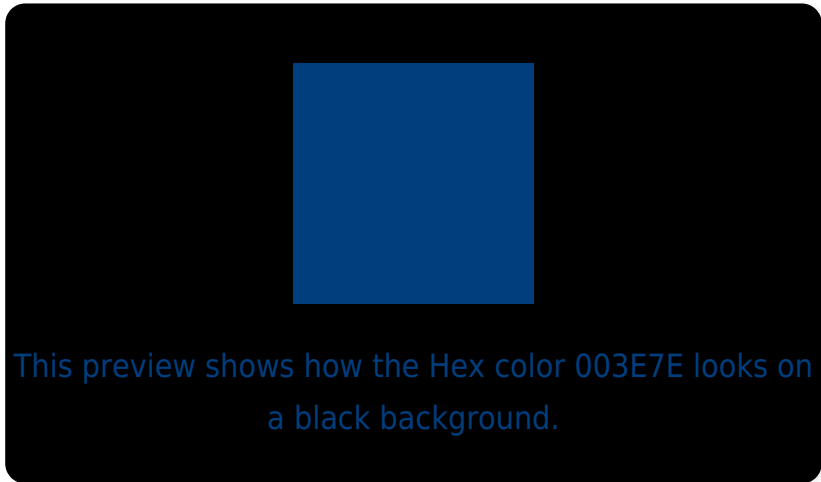
Large Text (above 18pt) WCAG AA ✓ Pass

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

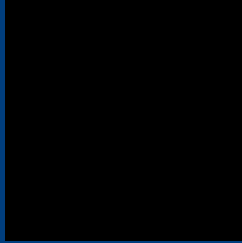
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 003E7E Background



This preview shows how black text looks on a background with the Hex color 003E7E.



This preview shows how white text looks on a background with the Hex color 003E7E.

# 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**  
003E7E

**Protanopia**  
173D7D

**Deuteranopia**  
004171



**Tritanopia**  
00474B

# Trichromacy



**Original Color**  
003E7E

**Protanomaly**  
0F3D7D

**Deuteranomaly**  
004076

**Tritanomaly**  
00445E

# Monochromacy



**Original Color**  
003E7E

**Achromatopsia**  
333333

**Achromatomaly**  
20374E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 003E7E 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 #003E7E looks like.

```
.text, #text, p{  
    color:#003E7E  
}
```

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 #003E7E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #003E7E
}
```

## Border

The CSS property to change the border of an element to Hex 003E7E is called "border". The border property can be set on classes, ids or directly on the HTML element.

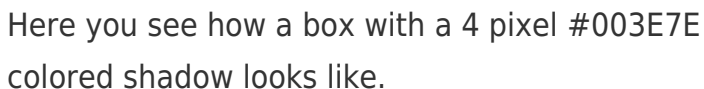
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#003E7E }
```

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

```
.border{ border-color:#003E7E }
```

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



Here you see how a box with a 4 pixel #003E7E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #003E7E; -webkit-box-shadow:4px 4px  
4px 4px #003E7E; box-shadow:4px 4px 4px  
4px #003E7E }
```

# Background

The CSS property to change the background color of an element to Hex 003E7E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#003E7E }
```

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

```
.background{ background-color:#003E7E }
```

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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