

Converting Colors

Hex(002E7B)

Have a look what the booklet for
Hex(002E7B) contains.

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Color

Hex(002E7B)

Conversions

Conversions Part 1

Format	Color
Hex	002E7B
RGB	0, 46, 123
RGB Percent	0%, 18%, 48%
CMY	1.0000, 0.8196, 0.5176
CMYK	1.00, 0.63, 0.00, 0.52
HSL	218°, 100%, 24%
HSV	218°, 100%, 48%
XYZ	4.5521, 3.3841, 19.1522
YIQ	41.0240, -52.1330, 14.1950

Conversions

Conversions Part 2

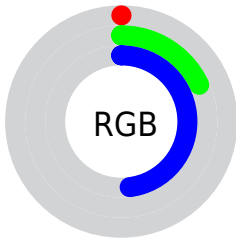
Format	Color
RYB	0, 33, 123
Decimal	11899
CIELab	21.52, 19.85, -47.37
CIELCh	22, 51.360, 292.737
Yxy	3.3841, 0.1680, 0.1249
Android (android.graphics.Color)	4278201979 (0xFF002E7B)
YUV	41.0240, 40.4142, -35.9780
Hunter-Lab	18.3958, 11.9782, -48.8507

Details

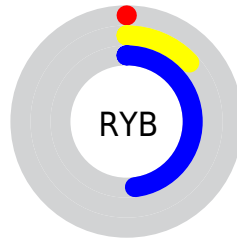
The Hex color **002E7B** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **7B4D00**, and the grayscale version is **292929**.

A 20% lighter version of the original color is **4C5BB0**, and **000049** is the 20% darker color. If you saturate the color by 10%, you get **002E7B**, and if you desaturate by 10%, it is **0C367B**.

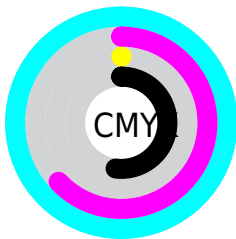
Distribution



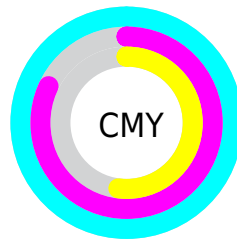
- Red (0%)
- Green (18%)
- Blue (48%)



- Red (0%)
- Yellow (13%)
- Blue (48%)



- Cyan (100%)
- Magenta (63%)
- Yellow (0%)
- Black (52%)



- Cyan (100%)
- Magenta (82%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 002E7B 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 002E7B by changing the saturation by 10% instead.

■ 002E7B

■ 002E7B

FFFFFF

■ 001A62

■ 4C5BB0

■ 000049

■ 6874CC

■ 000432

■ 848DE9

■ 00011C

■ A0A7FF

■ 000000

■ BDC3FF

■ DADEFF

■ F8FBFF

■ 002E7B

■ 0C367B

■ 193D7B

■ 25457B

■ 314D7B

■ 3E557B

■ 4A5C7B

■ 56647B

■ 626C7B

■ 6F737B

Harmonies

Analogous

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



003C80



002E7B



561462

Triad

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



002E7B



631B00



004229

Complementary

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



002E7B



7B4D00

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.



004000



002E7B



482F00

Square

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



002E7B



720019



253A00



004350

Rectangle

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



002E7B



6A004B



253A00



00411B

Sweetspot

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



002E7B



7082A1



007B4C



343F52



D1D1D1



525252

Same Dimension

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



002E7B



003CA1



0E007B



37393D



002F7D



005EFC

Inverse Universe

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



7B002E



A1003C



6D7B00



3D3739



7D002F



FC005E

Previews

White Background



This preview shows how the Hex color 002E7B looks on a white background.

Color Contrast Check

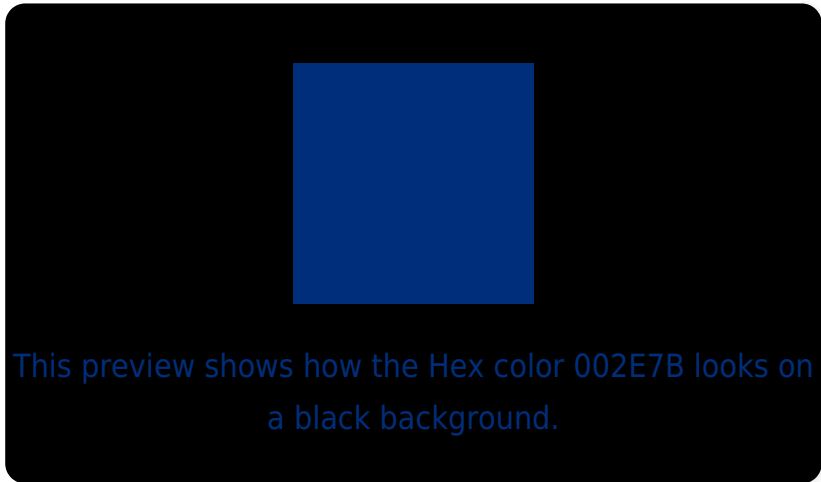
Large Text (above 18pt) WCAG AA ✓ Pass

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

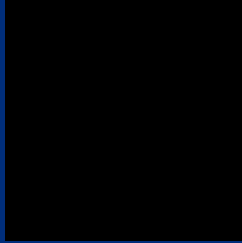
Any Text WCAG AA × Fail

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 002E7B Background



This preview shows how black text looks on a background with the Hex color 002E7B.



This preview shows how white text looks on a background with the Hex color 002E7B.

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
002E7B

Protanopia
00336B

Deuteranopia
00365C



Tritanopia
003A3E

Trichromacy



Original Color
002E7B

Protanomaly
003171

Deuteranomaly
003367

Tritanomaly
003654

Monochromacy



Original Color
002E7B

Achromatopsia
292929

Achromatomaly
1A2B47

CSS Examples

Text

The CSS property to change the color of the text to Hex 002E7B 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 #002E7B looks like.

```
.text, #text, p{  
    color:#002E7B  
}
```

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 #002E7B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #002E7B
}
```

Border

The CSS property to change the border of an element to Hex 002E7B 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
#002E7B }
```

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

```
.border{ border-color:#002E7B }
```

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

Here you see how a box with a 4 pixel #002E7B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #002E7B; -webkit-box-shadow:4px 4px  
4px 4px #002E7B; box-shadow:4px 4px 4px  
4px #002E7B }
```

Background

The CSS property to change the background color of an element to Hex 002E7B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#002E7B }
```

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

```
.background{ background-color:#002E7B }
```

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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