

Converting Colors

Hex(00247E)

Have a look what the booklet for
Hex(00247E) contains.

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Color

Hex(00247E)

Conversions

Conversions Part 1

Format	Color
Hex	00247E
RGB	0, 36, 126
RGB Percent	0%, 14%, 49%
CMY	1.0000, 0.8588, 0.5059
CMYK	1.00, 0.71, 0.00, 0.51
HSL	223°, 100%, 25%
HSV	223°, 100%, 49%
XYZ	4.3968, 2.7681, 20.0412
YIQ	35.4960, -50.3460, 20.3580

Conversions

Conversions Part 2

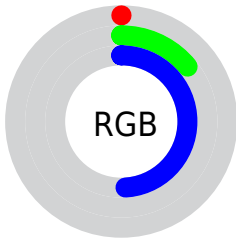
Format	Color
RYB	0, 28, 126
Decimal	9342
CIELab	19.09, 28.24, -53.27
CIELCh	19, 60.289, 297.928
Yxy	2.7681, 0.1616, 0.1017
Android (android.graphics.Color)	4278199422 (0xFF00247E)
YUV	35.4960, 44.6185, -31.1300
Hunter-Lab	16.6376, 18.0557, -59.7727

Details

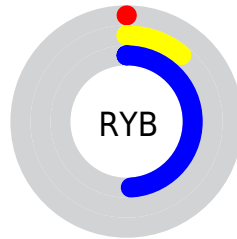
The Hex color **00247E** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **7E5A00**, and the grayscale version is **232323**.

A 20% lighter version of the original color is **4E50B4**, and **00004C** is the 20% darker color. If you saturate the color by 10%, you get **00247E**, and if you desaturate by 10%, it is **0D2D7E**.

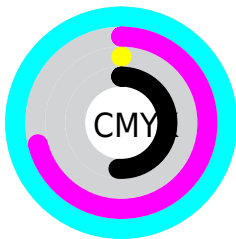
Distribution



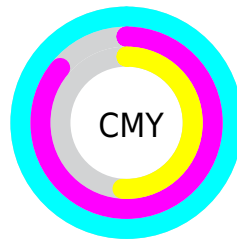
- Red (0%)
- Green (14%)
- Blue (49%)



- Red (0%)
- Yellow (11%)
- Blue (49%)



- Cyan (100%)
- Magenta (71%)
- Yellow (0%)
- Black (51%)



- Cyan (100%)
- Magenta (86%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00247E 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 00247E by changing the saturation by 10% instead.

■ 00247E

■ 00247E

FFFFFF

■ 001064

■ 4E50B4

■ 00004C

■ 6B69D0

■ 000434

■ 8782EC

■ 00021E

■ A49CFF

■ 000000

■ C0B7FF

■ DED2FF

■ FBEFFF

■ 00247E

■ 0D2D7E

■ 19367E

■ 263F7E

■ 32487E

■ 3F517E

■ 4C5A7E

■ 58637E

■ 656C7E

■ 71757E

Harmonies

Analogous

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



003689



00247E



5C005E

Triad

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



00247E



5D1300



003E2A

Complementary

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



00247E



7E5A00

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.



003C00



00247E



3D2C00

Square

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



00247E



710005



0B3700



003F57

Rectangle

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



00247E



6F0042



0B3700



003D1A

Sweetspot

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



00247E



7280A3



007E58



343D52



D1D1D1



525252

Same Dimension

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



00247E



002FA3



19007E



393B40



002480



000000

Inverse Universe

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



7E0024



A3002F



657E00



40393B



800024



000000

Previews

White Background



This preview shows how the Hex color 00247E looks on a white background.

Color Contrast Check

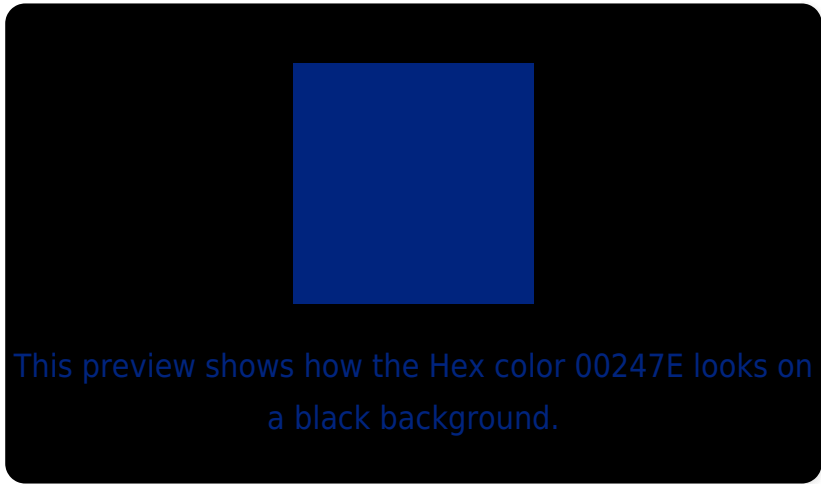
Large Text (above 18pt) WCAG AA ✓ Pass

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

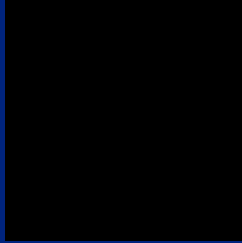
Any Text WCAG AA × Fail

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 00247E Background



This preview shows how black text looks on a background with the Hex color 00247E.



This preview shows how white text looks on a background with the Hex color 00247E.

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

00247E

Protanopia

002E61

Deuteranopia

003152

Trichromacy



Original Color
00247E

Protanomaly
002A6C

Deuteranomaly
002C62

Tritanomaly
002F51

Monochromacy



Original Color
00247E

Achromatopsia
232323

Achromatomaly
162344

CSS Examples

Text

The CSS property to change the color of the text to Hex 00247E 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 #00247E looks like.

```
.text, #text, p{  
    color:#00247E  
}
```

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 #00247E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00247E
}
```

Border

The CSS property to change the border of an element to Hex 00247E is called "border". The border property can be set on classes, ids or directly on the HTML element.

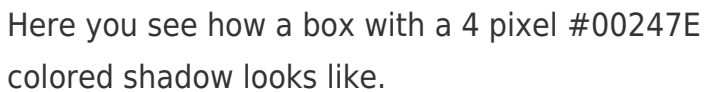
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#00247E }
```

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

```
.border{ border-color:#00247E }
```

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



Here you see how a box with a 4 pixel #00247E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00247E; -webkit-box-shadow:4px 4px  
4px 4px #00247E; box-shadow:4px 4px 4px  
4px #00247E }
```

Background

The CSS property to change the background color of an element to Hex 00247E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00247E }
```

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

```
.background{ background-color:#00247E }
```

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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