

Converting Colors

Hex(00437C)

Have a look what the booklet for
Hex(00437C) contains.

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Color

Hex(00437C)

Conversions

Conversions Part 1

Format	Color
Hex	00437C
RGB	0, 67, 124
RGB Percent	0%, 26%, 49%
CMY	1.0000, 0.7373, 0.5137
CMYK	1.00, 0.46, 0.00, 0.51
HSL	208°, 100%, 24%
HSV	208°, 100%, 49%
XYZ	5.6452, 5.4695, 19.8270
YIQ	53.4650, -58.2290, 3.5230

Conversions

Conversions Part 2

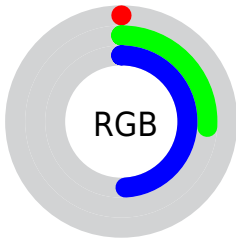
Format	Color
RYB	0, 43, 124
Decimal	17276
CIELab	28.03, 5.29, -37.44
CIELCh	28, 37.814, 278.036
Yxy	5.4695, 0.1824, 0.1768
Android (android.graphics.Color)	4278207356 (0xFF00437C)
YUV	53.4650, 34.7738, -46.8888
Hunter-Lab	23.3871, 2.1596, -33.8937

Details

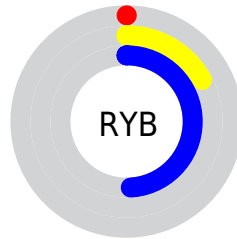
The Hex color **00437C** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **7C3900**, and the grayscale version is **353535**.

A 20% lighter version of the original color is **4B72B1**, and **00194A** is the 20% darker color. If you saturate the color by 10%, you get **00437C**, and if you desaturate by 10%, it is **0C497C**.

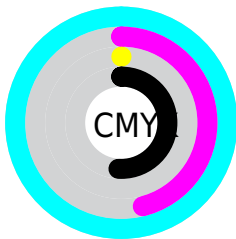
Distribution



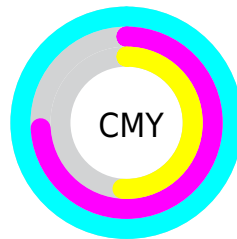
- Red (0%)
- Green (26%)
- Blue (49%)



- Red (0%)
- Yellow (17%)
- Blue (49%)



- Cyan (100%)
- Magenta (46%)
- Yellow (0%)
- Black (51%)



- Cyan (100%)
- Magenta (74%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00437C 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 00437C by changing the saturation by 10% instead.

00437C

00437C

FFFFFF

002D63

4B72B1

00194A

678CCD

000433

83A6E9

00021D

9FC1FF

000000

BCDDFF

D9F9FF

F6FFFF

00437C

■ 0C497C

■ 194E7C

■ 25547C

■ 325A7C

■ 3E607C

■ 4A657C

■ 576B7C

■ 63717C

■ 70767C

Harmonies

Analogous

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



004B78



00437C



4D3770

Triad

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



00437C



722C20



004E2B

Complementary

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



00437C



7C3900

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.



2A4A0F



00437C



613907

Square

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



00437C



76253C



494300



005049

Rectangle

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



00437C



632E61



494300



024D22

Sweetspot

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



00437C



708AA1



007C38



344452



D1D1D1



525252

Same Dimension

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



00437C



0057A1



00067C



373A3D



00447D



0088FC

Inverse Universe

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



7C0043



A10057



7C7600



3D373A



7D0044



FC0088

Previews

White Background



This preview shows how the Hex color 00437C looks on a white background.

Color Contrast Check

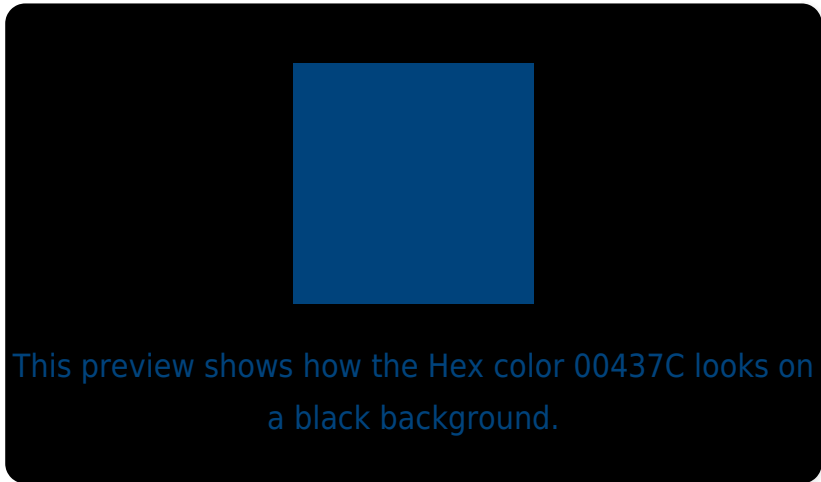
Large Text (above 18pt) WCAG AA ✓ Pass

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

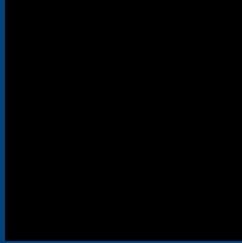
Any Text WCAG AA × Fail

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 00437C Background



This preview shows how black text looks on a background with the Hex color 00437C.



This preview shows how white text looks on a background with the Hex color 00437C.

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





Tritanopia
004A4F

Trichromacy



Original Color
00437C

Protanomaly
18427B

Deuteranomaly
004479

Tritanomaly
00475F

Monochromacy



Original Color
00437C

Achromatopsia
353535

Achromatomaly
223A4F

CSS Examples

Text

The CSS property to change the color of the text to Hex 00437C 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 #00437C looks like.

```
.text, #text, p{  
    color:#00437C  
}
```

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 #00437C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00437C
}
```

Border

The CSS property to change the border of an element to Hex 00437C is called "border". The border property can be set on classes, ids or directly on the HTML element.

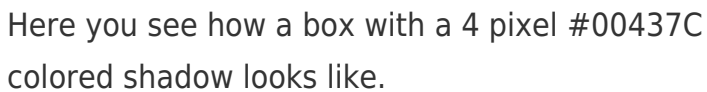
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#00437C }
```

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

```
.border{ border-color:#00437C }
```

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



Here you see how a box with a 4 pixel #00437C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00437C; -webkit-box-shadow:4px 4px  
4px 4px #00437C; box-shadow:4px 4px 4px  
4px #00437C }
```

Background

The CSS property to change the background color of an element to Hex 00437C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00437C }
```

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

```
.background{ background-color:#00437C }
```

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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