

Converting Colors

Hex(437D7F)

Have a look what the booklet for
Hex(437D7F) contains.

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Color

Hex(437D7F)

Conversions

Conversions Part 1

Format	Color
Hex	437D7F
RGB	67, 125, 127
RGB Percent	26%, 49%, 50%
CMY	0.7373, 0.5098, 0.5020
CMYK	0.47, 0.02, 0.00, 0.50
HSL	182°, 31%, 38%
HSV	182°, 47%, 50%
XYZ	13.4791, 17.3928, 22.7254
YIQ	107.8860, -35.2100, -11.6740

Conversions

Conversions Part 2

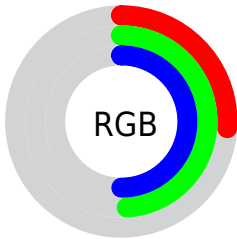
Format	Color
RYB	67, 96, 127
Decimal	4423039
CIELab	48.75, -18.36, -7.00
CIELCh	49, 19.646, 200.859
Yxy	17.3928, 0.2515, 0.3245
Android (android.graphics.Color)	4282613119 (0xFF437D7F)
YUV	107.8860, 9.4232, -35.8570
Hunter-Lab	41.7047, -15.2914, -3.1145

Details

The Hex color **437D7F** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **7F4543**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **77B2B4**, and **084C4E** is the 20% darker color. If you saturate the color by 10%, you get **367D7F**, and if you desaturate by 10%, it is **507D7F**.

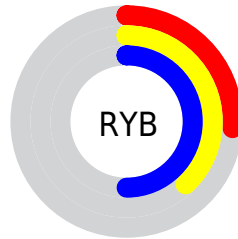
Distribution



Red (26%)

Green (49%)

Blue (50%)



Red (26%)

Yellow (38%)

Blue (50%)

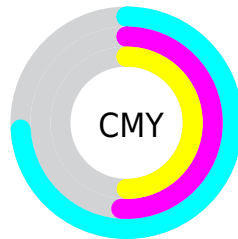


Cyan (47%)

Magenta (2%)

Yellow (0%)

Black (50%)



Cyan (74%)

Magenta (51%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 437D7F 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 437D7F by changing the saturation by 10% instead.

■ 437D7F

■ 437D7F

FFFFFF

■ 286466

■ 77B2B4

■ 084C4E

■ 92CDCF

■ 003537

■ AEEAEB

■ 002022

■ CAFFFF

■ 00000C

■ E7FFFF

■ 000000

■ 437D7F

■ 437D7F

■ 367D7F

■ 507D7F

■ 2A7C7F

■ 5C7E7F

■ 1D7C7F

■ 697E7F

■ 107B7F

■ 767F7F

■ 037B7F

■ 837F7F

■ 007B7F

■ 8F807F

■ 9C807F

■ A9807F

■ B5817F

Harmonies

Analogous

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



4F7D6E



437D7F



467B8D

Triad

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



437D7F



846C89



857153

Complementary

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



437D7F



7F4543

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.



916C5B



437D7F



92687A

Square

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



437D7F



707193



966869



747655

Rectangle

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



437D7F



517893



966869



896F55

Sweetspot

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



437D7F



8FA5A6



437F45



465454



D4D4D4



545454

Same Dimension

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



437D7F



47A3A6



435F7F



394040



007B80



000000

Inverse Universe

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



7F437D



A647A3



7F6343



403940



80007B



000000

Previews

White Background



This preview shows how the Hex color 437D7F looks on a white background.

Color Contrast Check

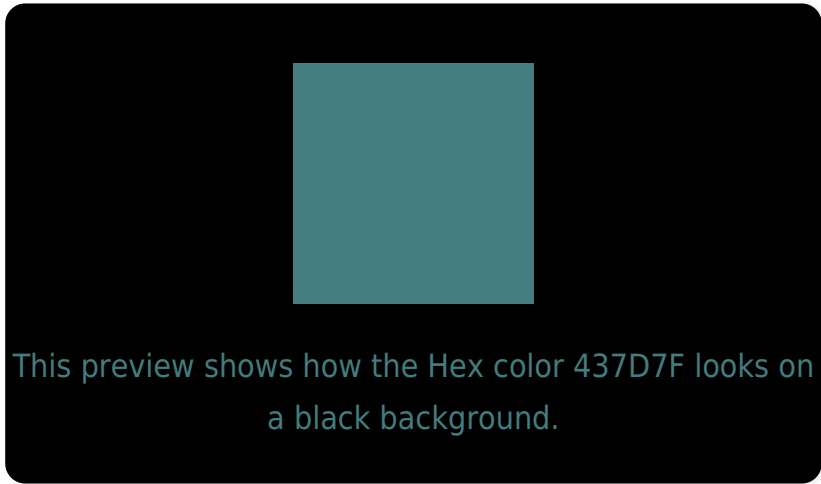
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

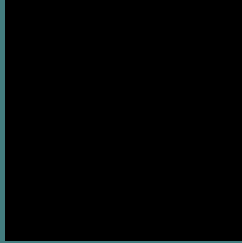
Any Text WCAG AA × Fail

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 437D7F Background



This preview shows how black text looks on a background with the Hex color 437D7F.

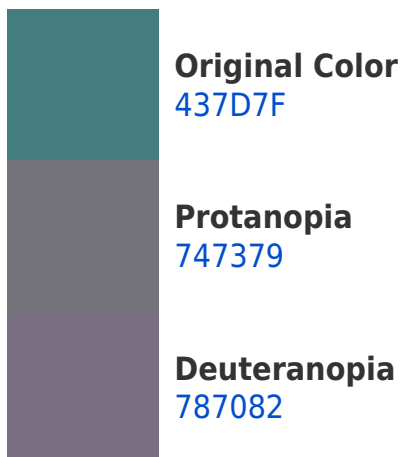



This preview shows how white text looks on a background with the Hex color 437D7F.

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](#).

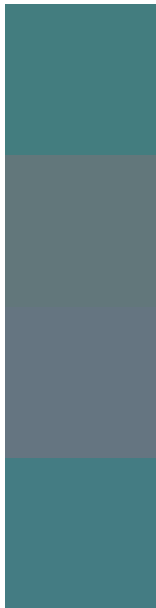
Dichromacy





Tritanopia
457C86

Trichromacy



Original Color
437D7F

Protanomaly
62777B

Deuteranomaly
657581

Tritanomaly
447C83

Monochromacy



Original Color
437D7F

Achromatopsia
6C6C6C

Achromatomaly
5D7273

CSS Examples

Text

The CSS property to change the color of the text to Hex 437D7F 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 #437D7F looks like.

```
.text, #text, p{  
    color:#437D7F  
}
```

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 #437D7F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #437D7F
}
```

Border

The CSS property to change the border of an element to Hex 437D7F 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
#437D7F }
```

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

```
.border{ border-color:#437D7F }
```

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

Here you see how a box with a 4 pixel #437D7F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #437D7F; -webkit-box-shadow:4px 4px  
4px 4px #437D7F; box-shadow:4px 4px 4px  
4px #437D7F }
```

Background

The CSS property to change the background color of an element to Hex 437D7F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#437D7F }
```

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

```
.background{ background-color:#437D7F }
```

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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