

Converting Colors

Hex(437970)

Have a look what the booklet for
Hex(437970) contains.

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Color

Hex(437970)

Conversions

Conversions Part 1

Format	Color
Hex	437970
RGB	67, 121, 112
RGB Percent	26%, 47%, 44%
CMY	0.7373, 0.5255, 0.5608
CMYK	0.45, 0.00, 0.07, 0.53
HSL	170°, 29%, 37%
HSV	170°, 45%, 47%
XYZ	12.0767, 16.0379, 17.7883
YIQ	103.8280, -29.2950, -14.2470

Conversions

Conversions Part 2

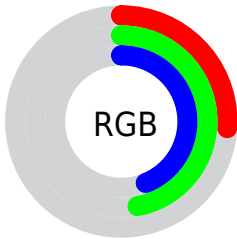
Format	Color
RYB	67, 96, 121
Decimal	4422000
CIELab	47.02, -20.29, -0.67
CIELCh	47, 20.301, 181.896
Yxy	16.0379, 0.2631, 0.3494
Android (android.graphics.Color)	4282612080 (0xFF437970)
YUV	103.8280, 4.0288, -32.2982
Hunter-Lab	40.0473, -16.2541, 1.6975

Details

The Hex color **437970** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **79434C**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **76AEA4**, and **0D4840** is the 20% darker color. If you saturate the color by 10%, you get **37796E**, and if you desaturate by 10%, it is **4F7972**.

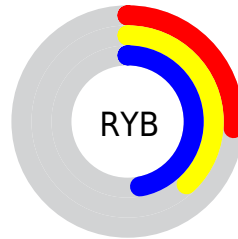
Distribution



Red (26%)

Green (47%)

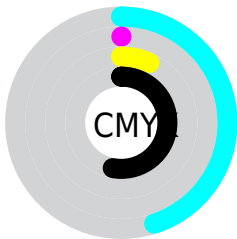
Blue (44%)



Red (26%)

Yellow (38%)

Blue (47%)

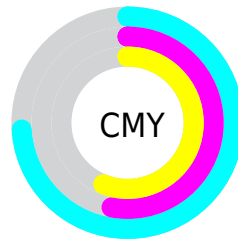


Cyan (45%)

Magenta (0%)

Yellow (7%)

Black (53%)



Cyan (74%)

Magenta (53%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 437970 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 437970 by changing the saturation by 10% instead.

 437970


 437970

FFFFFF

 2A6058

 76AEA4

 0D4840

 91C9BF

 00312A

 ACE5DB

 001D16

 C8FFF7

 000000

 E5FFFF

 437970

 437970

 37796E

 4F7972

 2B796C

 5B7974

■ 1F796A

■ 677976

■ 137968

■ 737978

■ 067966

■ 80797A

■ 007965

■ 8C797C

■ 98797E

■ A47980

■ B07982

Harmonies

Analogous

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



55775F



437970



3B7881

Triad

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



437970



736B8C



896952

Complementary

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



437970



79434C

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.



91645E



437970



866580

Square

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



437970



5B7191



91636F



7B6F4D

Rectangle

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



437970



40778A



91636F



8D6755

Sweetspot

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



437970



8A9E9B



4C7943



424F4D



CFCFCF



4F4F4F

Same Dimension

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



437970



499E90



436779



373D3C



007D68



00FCD2

Inverse Universe

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



79434C



9E4957



795543



3D3738



7D0015



FC002A

Previews

White Background



This preview shows how the Hex color 437970 looks on a white background.

Color Contrast Check

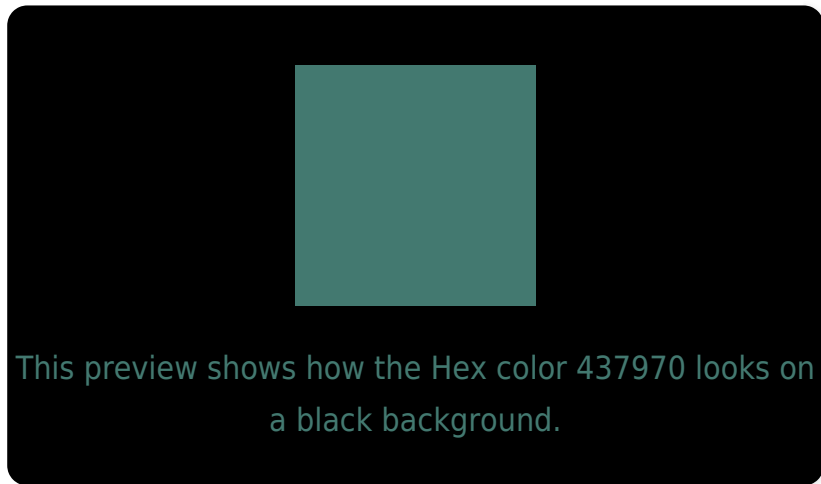
Large Text (above 18pt) WCAG AA ✓ Pass

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

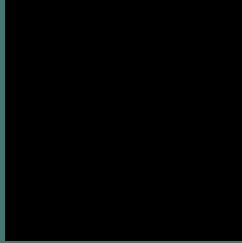
Any Text WCAG AA × Fail

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 437970 Background



This preview shows how black text looks on a background with the Hex color 437970.

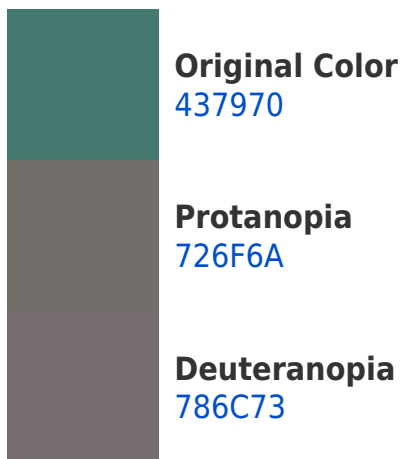


This preview shows how white text looks on a background with the Hex color 437970.

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
487780

Trichromacy



Original Color
437970

Protanomaly
61736C

Deuteranomaly
657172

Tritanomaly
46787A

Monochromacy



Original Color
437970

Achromatopsia
686868

Achromatomaly
5B6E6B

CSS Examples

Text

The CSS property to change the color of the text to Hex 437970 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 #437970 looks like.

```
.text, #text, p{  
    color:#437970  
}
```

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 #437970 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #437970
}
```

Border

The CSS property to change the border of an element to Hex 437970 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
#437970 }
```

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

```
.border{ border-color:#437970 }
```

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

Here you see how a box with a 4 pixel #437970 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #437970; -webkit-box-shadow:4px 4px  
4px 4px #437970; box-shadow:4px 4px 4px  
4px #437970 }
```

Background

The CSS property to change the background color of an element to Hex 437970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#437970 }
```

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

```
.background{ background-color:#437970 }
```

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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