

Converting Colors

Hex(437E70)

Have a look what the booklet for
Hex(437E70) contains.

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Color

Hex(437E70)

Conversions

Conversions Part 1

Format	Color
Hex	437E70
RGB	67, 126, 112
RGB Percent	26%, 49%, 44%
CMY	0.7373, 0.5059, 0.5608
CMYK	0.47, 0.00, 0.11, 0.51
HSL	166°, 31%, 38%
HSV	166°, 47%, 49%
XYZ	12.7002, 17.2849, 17.9962
YIQ	106.7630, -30.6700, -16.8620

Conversions

Conversions Part 2

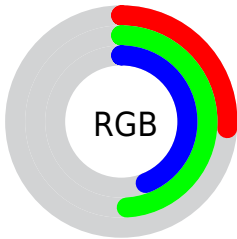
Format	Color
RYB	67, 100, 126
Decimal	4423280
CIELab	48.62, -22.90, 1.65
CIELCh	49, 22.961, 175.878
Yxy	17.2849, 0.2647, 0.3602
Android (android.graphics.Color)	4282613360 (0xFF437E70)
YUV	106.7630, 2.5818, -34.8722
Hunter-Lab	41.5751, -18.2287, 3.4383

Details

The Hex color **437E70** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **7E4351**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **77B3A4**, and **0B4D40** is the 20% darker color. If you saturate the color by 10%, you get **367E6D**, and if you desaturate by 10%, it is **507E73**.

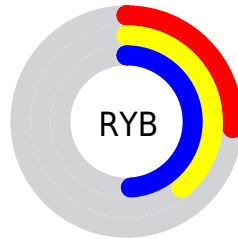
Distribution



 Red (26%)

 Green (49%)

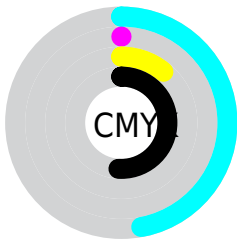
 Blue (44%)




 Red (26%)

 Yellow (39%)

 Blue (49%)

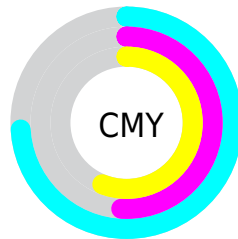


 Cyan (47%)


 Magenta (0%)

 Yellow (11%)

 Black (51%)



 Cyan (74%)

 Magenta (51%)

 Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 437E70 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 437E70 by changing the saturation by 10% instead.

■ 437E70

■ 437E70

FFFFFF

■ 296558

■ 77B3A4

■ 0B4D40

■ 92CFBF

■ 00352A

■ ADEBDB

■ 002116

■ C9FFF7

■ 000000

■ E5FFFF

■ 437E70

■ 437E70

■ 367E6D

■ 507E73

■ 2A7E6A

■ 5C7E76

■ 1D7E67

■ 697E79

■ 117E64

■ 757E7C

■ 047E61

■ 827E7F

■ 007E60

■ 8F7E82

■ 9B7E85

■ A87E88

■ B47E8B

Harmonies

Analogous

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



597C5D



437E70



357E84

Triad

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



437E70



736F96



936B54

Complementary

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



437E70



7E4351

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.



9A6663



437E70



8A6989

Square

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



437E70



56769A



976577



84714D

Rectangle

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



437E70



377C8F



976577



966958

Sweetspot

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



437E70



8CA39E



527E43



44524E



D1D1D1



525252

Same Dimension

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



437E70



48A38E



436F7E



39403E



008061



000000

Inverse Universe

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



7E4351



A3485D



7E5243



40393B



80001E



000000

Previews

White Background



This preview shows how the Hex color 437E70 looks on a white background.

Color Contrast Check

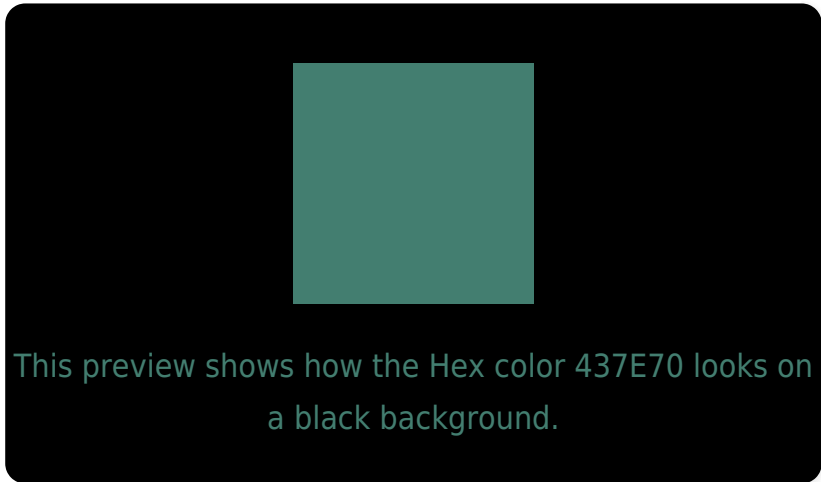
Large Text (above 18pt) WCAG AA ✓ Pass

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

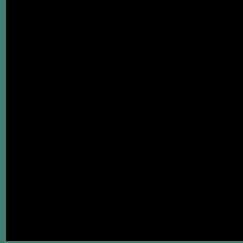
Any Text WCAG AA × Fail

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 437E70 Background



This preview shows how black text looks on a background with the Hex color 437E70.

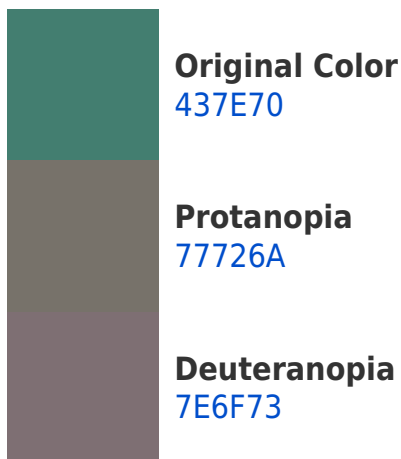


This preview shows how white text looks on a background with the Hex color 437E70.

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
497B85

Trichromacy



Original Color
437E70

Protanomaly
64766C

Deuteranomaly
697472

Tritanomaly
477C7D

Monochromacy



Original Color
437E70

Achromatopsia
6B6B6B

Achromatomaly
5C726D

CSS Examples

Text

The CSS property to change the color of the text to Hex 437E70 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 #437E70 looks like.

```
.text, #text, p{  
    color:#437E70  
}
```

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 #437E70 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #437E70  
}
```

Border

The CSS property to change the border of an element to Hex 437E70 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  
#437E70 }
```

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

```
.border{ border-color:#437E70 }
```

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

Here you see how a box with a 4 pixel #437E70 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #437E70; -webkit-box-shadow:4px 4px  
4px 4px #437E70; box-shadow:4px 4px 4px  
4px #437E70 }
```

Background

The CSS property to change the background color of an element to Hex 437E70 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#437E70 }
```

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

```
.background{ background-color:#437E70 }
```

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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