

Converting Colors

Hex(437A86)

Have a look what the booklet for
Hex(437A86) contains.

Hex(437A86)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(437A86)

Conversions

Conversions Part 1

Format	Color
Hex	437A86
RGB	67, 122, 134
RGB Percent	26%, 48%, 53%
CMY	0.7373, 0.5216, 0.4745
CMYK	0.50, 0.09, 0.00, 0.47
HSL	191°, 33%, 39%
HSV	191°, 50%, 53%
XYZ	13.5773, 16.8336, 25.0879
YIQ	106.9230, -36.6320, -7.9280

Conversions

Conversions Part 2

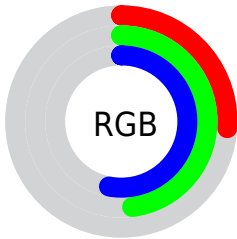
Format	Color
RYB	67, 97, 134
Decimal	4422278
CIELab	48.05, -14.70, -12.18
CIElCh	48, 19.093, 219.642
Yxy	16.8336, 0.2446, 0.3033
Android (android.graphics.Color)	4282612358 (0xFF437A86)
YUV	106.9230, 13.3490, -35.0125
Hunter-Lab	41.0288, -12.7306, -7.5339

Details

The Hex color **437A86** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **864F43**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **78AFBB**, and **064954** is the 20% darker color. If you saturate the color by 10%, you get **367886**, and if you desaturate by 10%, it is **507C86**.

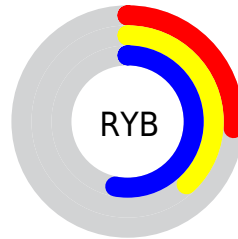
Distribution



Red (26%)

Green (48%)

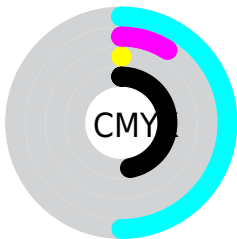
Blue (53%)



Red (26%)

Yellow (38%)

Blue (53%)

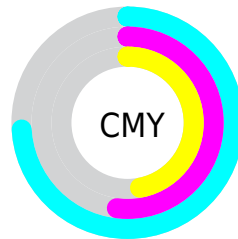


Cyan (50%)

Magenta (9%)

Yellow (0%)

Black (47%)



Cyan (74%)

Magenta (52%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 437A86 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 437A86 by changing the saturation by 10% instead.

437A86

437A86

FFFFFF

28616D

78AFBB

064954

93CAD7

00323D

AEE6F3

001E27

CAFFFF

000113

E7FFFF

000000

437A86

437A86

367886

507C86

287586

5E7F86

■ 1B7386

■ 6B8186

■ 0D7086

■ 798486

■ 006E86

■ 868686

■ 938886

■ A18B86

■ AE8D86

■ BC9086

Harmonies

Analogous

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



467B77



437A86



507790

Triad

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



437A86



8B687E



797352

Complementary

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



437A86



864F43

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.



886D54



437A86



92666D

Square

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



437A86



7B6C8B



91695E



677759

Rectangle

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



437A86



5E7492



91695E



7E7152

Sweetspot

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



437A86



93A9AD



43864E



475457



D6D6D6



575757

Same Dimension

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



437A86



459BAD



435986



3C4142



006B82



000203

Inverse Universe

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



86437A



AD459B



867043



423C41



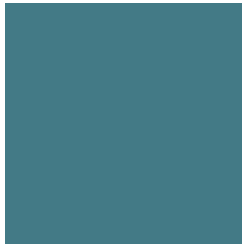
82006B



030002

Previews

White Background



This preview shows how the Hex color 437A86 looks on a white background.

Color Contrast Check

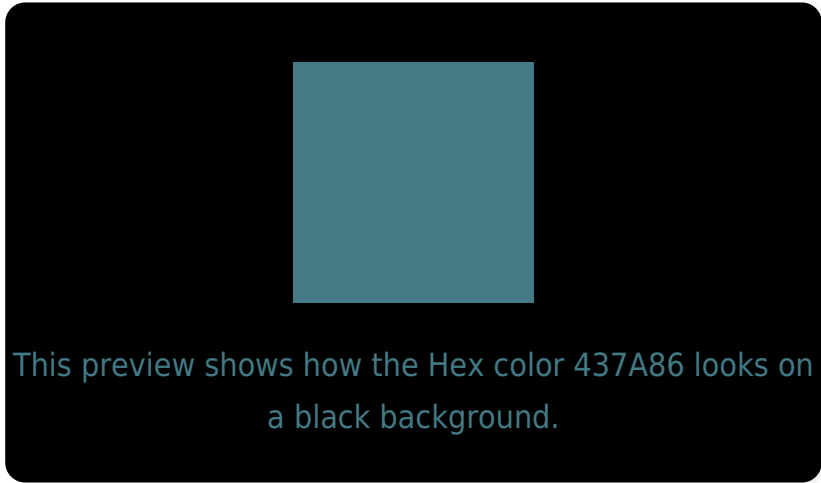
Large Text (above 18pt) WCAG AA ✓ Pass

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

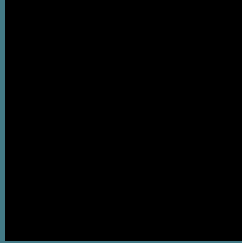
Any Text WCAG AA × Fail

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 437A86 Background



This preview shows how black text looks on a background with the Hex color 437A86.

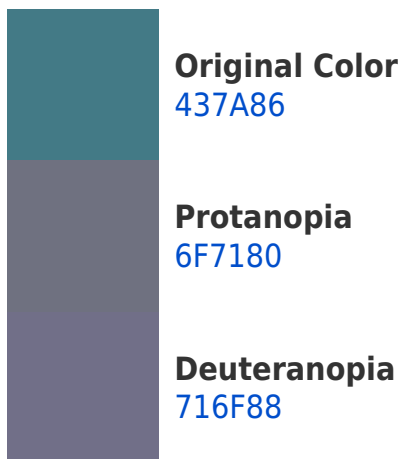


This preview shows how white text looks on a background with the Hex color 437A86.

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
427A84

Trichromacy



Original Color
437A86

Protanomaly
5F7482

Deuteranomaly
607387

Tritanomaly
427A85

Monochromacy



Original Color
437A86

Achromatopsia
6B6B6B

Achromatomaly
5C7075

CSS Examples

Text

The CSS property to change the color of the text to Hex 437A86 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 #437A86 looks like.

```
.text, #text, p{  
    color:#437A86  
}
```

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 #437A86 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #437A86
}
```

Border

The CSS property to change the border of an element to Hex 437A86 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
#437A86 }
```

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

```
.border{ border-color:#437A86 }
```

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

Here you see how a box with a 4 pixel #437A86 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #437A86; -webkit-box-shadow:4px 4px  
4px 4px #437A86; box-shadow:4px 4px 4px  
4px #437A86 }
```

Background

The CSS property to change the background color of an element to Hex 437A86 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#437A86 }
```

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

```
.background{ background-color:#437A86 }
```

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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