

Converting Colors

Hex(447A7E)

Have a look what the booklet for
Hex(447A7E) contains.

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Color

Hex(447A7E)

Conversions

Conversions Part 1

Format	Color
Hex	447A7E
RGB	68, 122, 126
RGB Percent	27%, 48%, 49%
CMY	0.7333, 0.5216, 0.5059
CMYK	0.46, 0.03, 0.00, 0.51
HSL	184°, 30%, 38%
HSV	184°, 46%, 49%
XYZ	13.1093, 16.6544, 22.2623
YIQ	106.3100, -33.4680, -10.2040

Conversions

Conversions Part 2

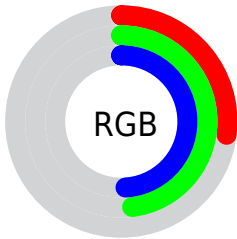
Format	Color
RYB	68, 96, 126
Decimal	4487806
CIELab	47.82, -16.76, -7.79
CIElCh	48, 18.478, 204.923
Yxy	16.6544, 0.2520, 0.3201
Android (android.graphics.Color)	4282677886 (0xFF447A7E)
YUV	106.3100, 9.7072, -33.5979
Hunter-Lab	40.8098, -14.0775, -3.7768

Details

The Hex color **447A7E** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **7E4844**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **78AFB3**, and **0B494D** is the 20% darker color. If you saturate the color by 10%, you get **37797E**, and if you desaturate by 10%, it is **517B7E**.

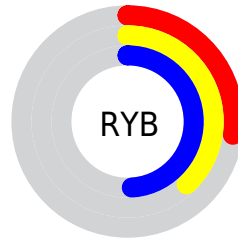
Distribution



Red (27%)

Green (48%)

Blue (49%)



Red (27%)

Yellow (38%)

Blue (49%)

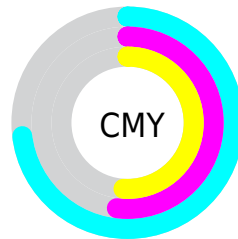


Cyan (46%)

Magenta (3%)

Yellow (0%)

Black (51%)



Cyan (73%)

Magenta (52%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 447A7E 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 447A7E by changing the saturation by 10% instead.

■ 447A7E

■ 447A7E

FFFFFF

■ 2A6165

■ 78AFB3

■ 0B494D

■ 93CACE

■ 003236

■ AEE6EA

■ 001E21

■ CAFFFF

■ 00000A

■ E7FFFF

■ 000000

■ 447A7E

■ 447A7E

■ 37797E

■ 517B7E

■ 2B787E

■ 5D7C7E

■ 1E777E

■ 6A7D7E

■ 12777E

■ 767D7E

■ 05767E

■ 837E7E

■ 00757E

■ 907F7E

■ 9C807E

■ A9817E

■ B5827E

Harmonies

Analogous

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



4D7A6E



447A7E



49788A

Triad

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



447A7E



836984



7F7053

Complementary

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



447A7E



7E4844

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.



8C6A59



447A7E



8E6675

Square

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



447A7E



706E8E



916765



6F7555

Rectangle

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



447A7E



54758F



916765



846E54

Sweetspot

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



447A7E



8CA2A3



447E48



445152



D1D1D1



525252

Same Dimension

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



447A7E



499DA3



445D7E



393F40



007780



000000

Inverse Universe

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



7E447A



A3499D



7E6544



40393F



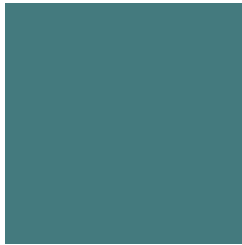
800077



000000

Previews

White Background



This preview shows how the Hex color 447A7E looks on a white background.

Color Contrast Check

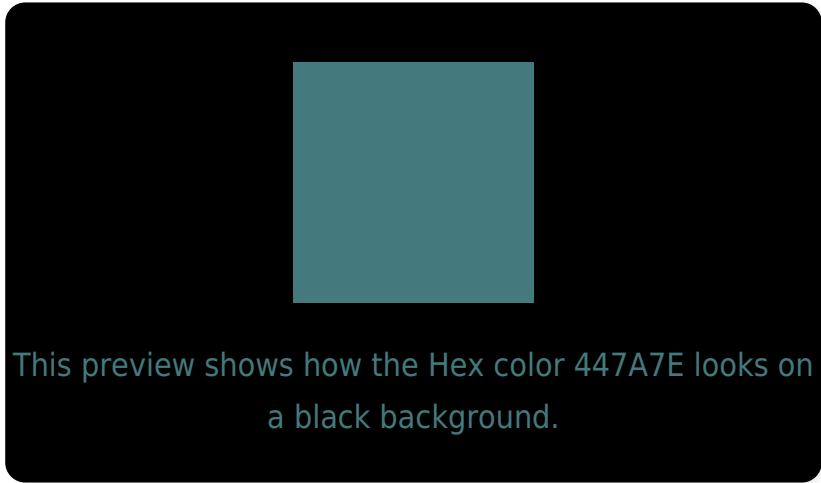
Large Text (above 18pt) WCAG AA ✓ Pass

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

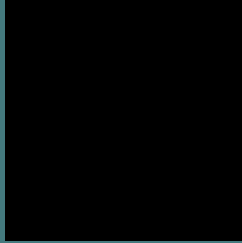
Any Text WCAG AA × Fail

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 447A7E Background



This preview shows how black text looks on a background with the Hex color 447A7E.

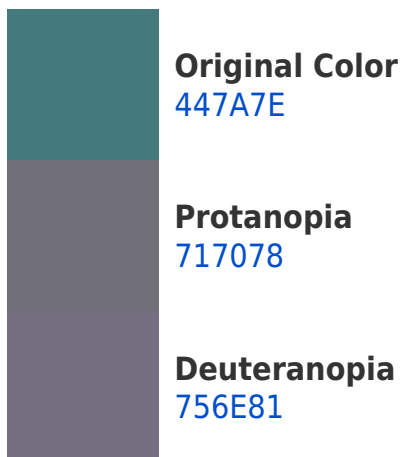


This preview shows how white text looks on a background with the Hex color 447A7E.

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](#).

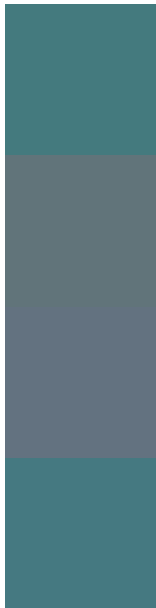
Dichromacy





Tritanopia
467983

Trichromacy



Original Color
447A7E

Protanomaly
61747A

Deuteranomaly
637280

Tritanomaly
457981

Monochromacy



Original Color
447A7E

Achromatopsia
6A6A6A

Achromatomaly
5C7071

CSS Examples

Text

The CSS property to change the color of the text to Hex 447A7E 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 #447A7E looks like.

```
.text, #text, p{  
    color:#447A7E  
}
```

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 #447A7E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #447A7E
}
```

Border

The CSS property to change the border of an element to Hex 447A7E 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
#447A7E }
```

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

```
.border{ border-color:#447A7E }
```

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

Here you see how a box with a 4 pixel #447A7E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #447A7E; -webkit-box-shadow:4px 4px  
4px 4px #447A7E; box-shadow:4px 4px 4px  
4px #447A7E }
```

Background

The CSS property to change the background color of an element to Hex 447A7E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#447A7E }
```

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

```
.background{ background-color:#447A7E }
```

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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