

Converting Colors

Hex(447C7B)

Have a look what the booklet for
Hex(447C7B) contains.

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Color

Hex(447C7B)

Conversions

Conversions Part 1

Format	Color
Hex	447C7B
RGB	68, 124, 123
RGB Percent	27%, 49%, 48%
CMY	0.7333, 0.5137, 0.5176
CMYK	0.45, 0.00, 0.01, 0.51
HSL	179°, 29%, 38%
HSV	179°, 45%, 49%
XYZ	13.1667, 17.0743, 21.3406
YIQ	107.1420, -33.0550, -12.1830

Conversions

Conversions Part 2

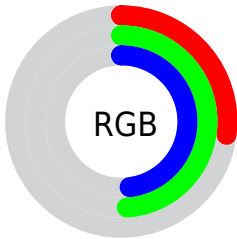
Format	Color
RYB	68, 96, 124
Decimal	4488315
CIELab	48.35, -18.67, -5.22
CIELCh	48, 19.390, 195.619
Yxy	17.0743, 0.2553, 0.3310
Android (android.graphics.Color)	4282678395 (0xFF447C7B)
YUV	107.1420, 7.8180, -34.3275
Hunter-Lab	41.3211, -15.4340, -1.6961

Details

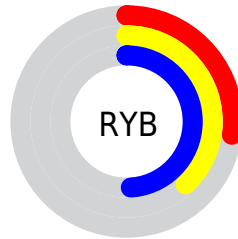
The Hex color **447C7B** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **7C4445**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **78B1AF**, and **0C4B4A** is the 20% darker color. If you saturate the color by 10%, you get **387C7B**, and if you desaturate by 10%, it is **507C7B**.

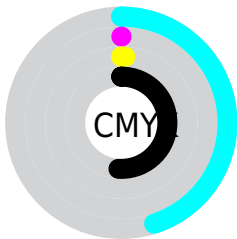
Distribution



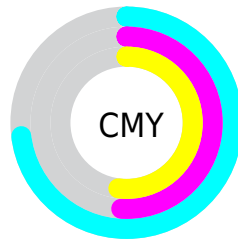
- Red (27%)
- Green (49%)
- Blue (48%)



- Red (27%)
- Yellow (38%)
- Blue (49%)



- Cyan (45%)
- Magenta (0%)
- Yellow (1%)
- Black (51%)



- Cyan (73%)
- Magenta (51%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 447C7B 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 447C7B by changing the saturation by 10% instead.



447C7B



447C7B

FFFFFF



2A6362



78B1AF



0C4B4A



93CCCB



003434



AEE9E7



001F1F



CAFFFF



000006



E7FFFF



000000



447C7B



447C7B



387C7B



507C7B



2B7C7B



5D7C7B

■ 1F7C7A

■ 697C7C

■ 127C7A

■ 767C7C

■ 067C7A

■ 827C7C

■ 007C7A

■ 8E7C7C

■ 9B7C7D

■ A77C7D

■ B47C7D

Harmonies

Analogous

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



517B6A



447C7B



447A8A

Triad

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



447C7B



806C8A



866F53

Complementary

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



447C7B



7C4445

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.



916A5C



447C7B



8E687B

Square

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



447C7B



6B7192



94676B



767453

Rectangle

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



447C7B



4D7890



94676B



8A6D55

Sweetspot

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



447C7B



8AA1A0



467C44



445251



D1D1D1



525252

Same Dimension

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



447C7B



4AA19F



44627C



373D3D



007D7B



00FCF8

Inverse Universe

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



7C4445



A14A4B



7C5E44



3D3737



7D0002



FC0005

Previews

White Background



This preview shows how the Hex color 447C7B looks on a white background.

Color Contrast Check

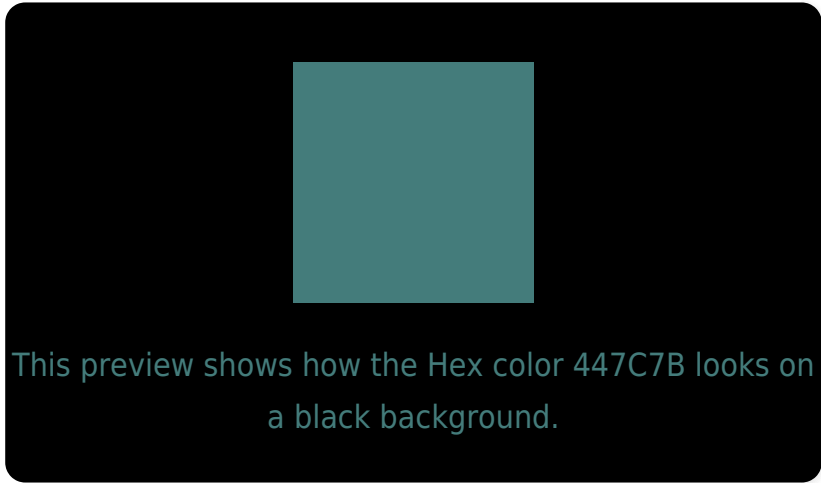
Large Text (above 18pt) WCAG AA ✓ Pass

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

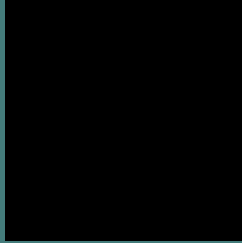
Any Text WCAG AA × Fail

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 447C7B Background



This preview shows how black text looks on a background with the Hex color 447C7B.

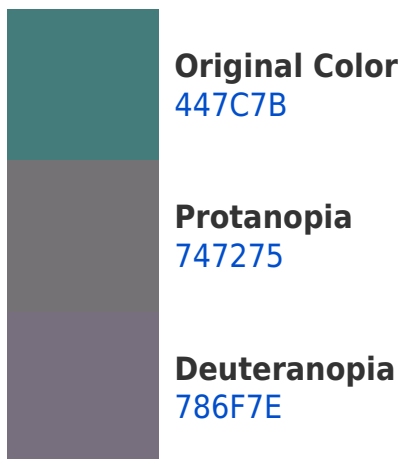


This preview shows how white text looks on a background with the Hex color 447C7B.

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](#).

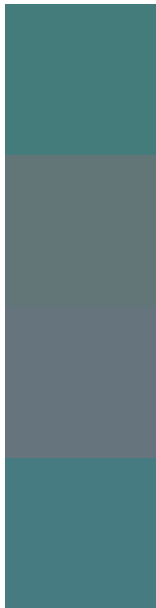
Dichromacy





Tritanopia
477B84

Trichromacy



Original Color
447C7B

Protanomaly
637677

Deuteranomaly
65747D

Tritanomaly
467B81

Monochromacy



Original Color
447C7B

Achromatopsia
6B6B6B

Achromatomaly
5D7171

CSS Examples

Text

The CSS property to change the color of the text to Hex 447C7B 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 #447C7B looks like.

```
.text, #text, p{  
    color:#447C7B  
}
```

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 #447C7B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #447C7B
}
```

Border

The CSS property to change the border of an element to Hex 447C7B 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
#447C7B }
```

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

```
.border{ border-color:#447C7B }
```

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

Here you see how a box with a 4 pixel #447C7B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #447C7B; -webkit-box-shadow:4px 4px  
4px 4px #447C7B; box-shadow:4px 4px 4px  
4px #447C7B }
```

Background

The CSS property to change the background color of an element to Hex 447C7B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#447C7B }
```

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

```
.background{ background-color:#447C7B }
```

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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