

Converting Colors

Hex(417C7B)

Have a look what the booklet for
Hex(417C7B) contains.

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Color

Hex(417C7B)

Conversions

Conversions Part 1

Format	Color
Hex	417C7B
RGB	65, 124, 123
RGB Percent	25%, 49%, 48%
CMY	0.7451, 0.5137, 0.5176
CMYK	0.48, 0.00, 0.01, 0.51
HSL	179°, 31%, 37%
HSV	179°, 48%, 49%
XYZ	12.9628, 16.9692, 21.3311
YIQ	106.2450, -34.8430, -12.8190

Conversions

Conversions Part 2

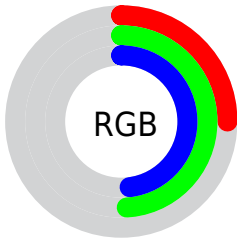
Format	Color
RYB	65, 95, 124
Decimal	4291707
CIELab	48.22, -19.45, -5.43
CIElCh	48, 20.191, 195.605
Yxy	16.9692, 0.2529, 0.3310
Android (android.graphics.Color)	4282481787 (0xFF417C7B)
YUV	106.2450, 8.2602, -36.1719
Hunter-Lab	41.1937, -15.9187, -1.8662




Details

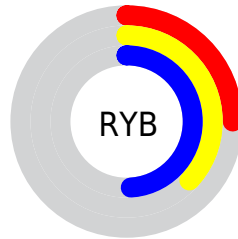
The Hex color **417C7B** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **7C4142**, and the grayscale version is **6A6A6A**.




A 20% lighter version of the original color is **75B1AF**, and **054B4A** is the 20% darker color. If you saturate the color by 10%, you get **357C7B**, and if you desaturate by 10%, it is **4D7C7B**.

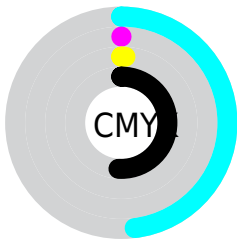
Distribution







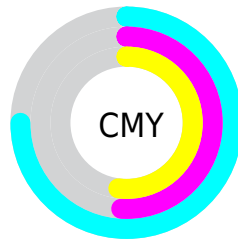
-  Red (25%)
-  Green (49%)
-  Blue (48%)






-  Red (25%)
-  Yellow (37%)
-  Blue (49%)



-  Cyan (48%)
-  Magenta (0%)
-  Yellow (1%)
-  Black (51%)



-  Cyan (75%)
-  Magenta (51%)
-  Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 417C7B 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 417C7B by changing the saturation by 10% instead.

■ 417C7B

■ 417C7B

FFFFFF

■ 266362

■ 75B1AF

■ 054B4A

■ 90CCCB

■ 003434

■ ACE9E7

■ 001F1F

■ C8FFFF

■ 000006

■ E4FFFF

■ 000000

■ 417C7B

■ 417C7B

■ 357C7B

■ 4D7C7B

■ 287C7B

■ 5A7C7B

■ 1C7C7A

■ 667C7C

■ 0F7C7A

■ 737C7C

■ 037C7A

■ 7F7C7C

■ 007C7A

■ 8B7C7C

■ 987C7C

■ A47C7D

■ B17C7D

Harmonies

Analogous

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



4F7B69



417C7B



417A8A

Triad

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



417C7B



806B8A



866F52

Complementary

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



417C7B



7C4142

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.



92695B



417C7B



8F677B

Square

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



417C7B



6A7193



95666A



767451

Rectangle

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



417C7B



4B7891



95666A



8B6D54

Sweetspot

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



417C7B



8AA1A0



437C41



445251



D1D1D1



525252

Same Dimension

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



417C7B



45A19F



41607C



373D3D



007D7B



00FCF8

Inverse Universe

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



7C4142



A14547



7C5D41



3D3737



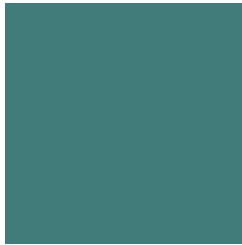
7D0002



FC0004

Previews

White Background



This preview shows how the Hex color 417C7B looks on a white background.

Color Contrast Check

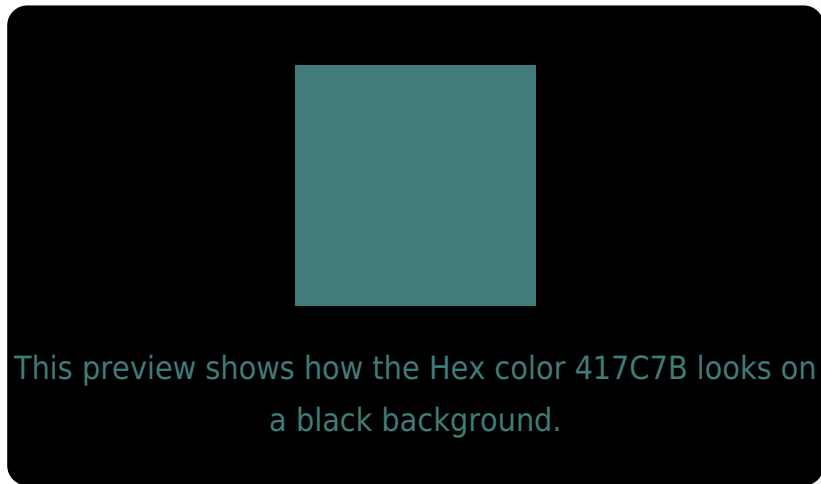
Large Text (above 18pt) WCAG AA ✓ Pass

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

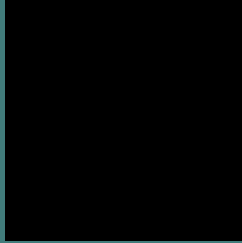
Any Text WCAG AA × Fail

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 417C7B Background



This preview shows how black text looks on a background with the Hex color 417C7B.



This preview shows how white text looks on a background with the Hex color 417C7B.

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



Original Color
417C7B

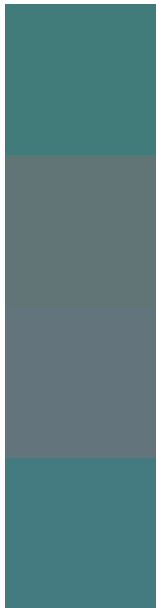
Protanopia
737175

Deuteranopia
786F7E



Tritanopia
447B84

Trichromacy



Original Color
417C7B

Protanomaly
617577

Deuteranomaly
64747D

Tritanomaly
437B81

Monochromacy



Original Color
417C7B

Achromatopsia
6A6A6A

Achromatomaly
5B7170

CSS Examples

Text

The CSS property to change the color of the text to Hex 417C7B 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 #417C7B looks like.

```
.text, #text, p{  
    color:#417C7B  
}
```

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 #417C7B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #417C7B
}
```

Border

The CSS property to change the border of an element to Hex 417C7B 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
#417C7B }
```

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

```
.border{ border-color:#417C7B }
```

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

Here you see how a box with a 4 pixel #417C7B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #417C7B; -webkit-box-shadow:4px 4px  
4px 4px #417C7B; box-shadow:4px 4px 4px  
4px #417C7B }
```

Background

The CSS property to change the background color of an element to Hex 417C7B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#417C7B }
```

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

```
.background{ background-color:#417C7B }
```

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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