

# Converting Colors

Hex(418C7C)

Have a look what the booklet for  
Hex(418C7C) contains.

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# Color

Hex(418C7C)

# Conversions

## Conversions Part 1

Format	Color
Hex	418C7C
RGB	65, 140, 124
RGB Percent	25%, 55%, 49%
CMY	0.7451, 0.4510, 0.5137
CMYK	0.54, 0.00, 0.11, 0.45
HSL	167°, 37%, 40%
HSV	167°, 54%, 55%
XYZ	15.1961, 21.3352, 22.3860
YIQ	115.7510, -39.5640, -20.8760

# Conversions

## Conversions Part 2

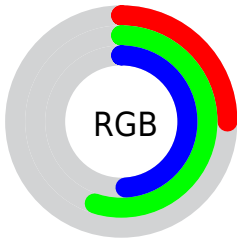
<b>Format</b>	<b>Color</b>
<b>RYB</b>	65, 107, 140
Decimal	4295804
CIELab	53.31, -27.40, 1.47
CIElCh	53, 27.434, 176.937
Yxy	21.3352, 0.2579, 0.3621
Android (android.graphics.Color)	4282485884 (0xFF418C7C)
YUV	115.7510, 4.0668, -44.5086
Hunter-Lab	46.1901, -22.1076, 3.5982

# Details

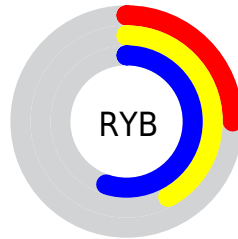
The Hex color **418C7C** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **8C4151**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **77C2B0**, and **00594B** is the 20% darker color. If you saturate the color by 10%, you get **338C79**, and if you desaturate by 10%, it is **4F8C7F**.

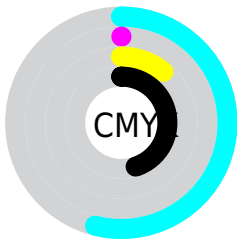
# Distribution



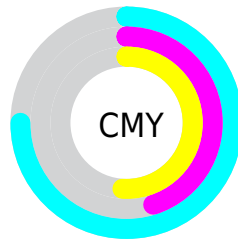
- Red (25%)
- Green (55%)
- Blue (49%)



- Red (25%)
- Yellow (42%)
- Blue (55%)



- Cyan (54%)
- Magenta (0%)
- Yellow (11%)
- Black (45%)



- Cyan (75%)
- Magenta (45%)
- Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 418C7C 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 418C7C by changing the saturation by 10% instead.



 418C7C

 418C7C

FFFFFF

 257263

 77C2B0

 00594B

 92DECC

 004135

 AEFBE8

 002B20

 CAFFFF

 001408

 E7FFFF

 000000

 418C7C

 418C7C

 338C79

 4F8C7F

 258C76

 5D8C82

■ 178C73

■ 6B8C85

■ 098C70

■ 798C88

■ 008C6E

■ 878C8B

■ 958C8E

■ A38C91

■ B18C94

■ BF8C97

# Harmonies

## Analogous

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



5E8965



418C7C



2C8C94

# Triad

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



418C7C



7F7AA9



A47559

# Complementary

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



418C7C



8C4151

# 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.



AE6F6B



418C7C



9B7299

# Square

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



418C7C



5B82AE



AB6E83



927D50

# Rectangle

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



418C7C



2F8AA1



AB6E83



A8735E



# Sweetspot

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



418C7C



98B5AF



518C41



4A5C58



DBDBDB



5C5C5C



# Same Dimension

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



418C7C



41B59C



41778C



3E4543



008568



000504



# Inverse Universe

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



8C4151



B5415A



8C5641



453E3F



85001C

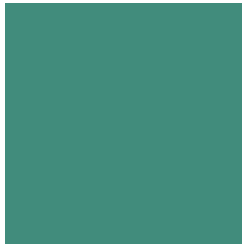


050001



# Previews

## White Background



This preview shows how the Hex color 418C7C looks on a white background.

## Color Contrast Check

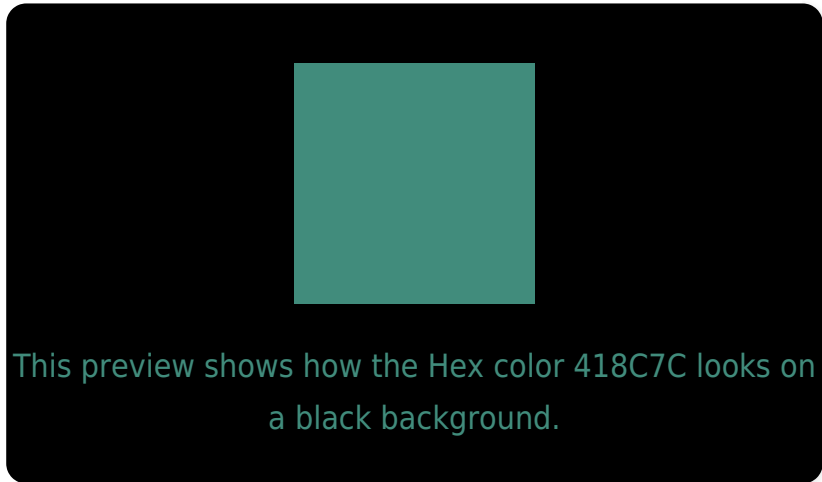
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

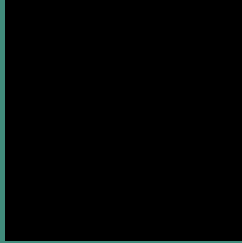
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 418C7C Background



This preview shows how black text looks on a background with the Hex color 418C7C.

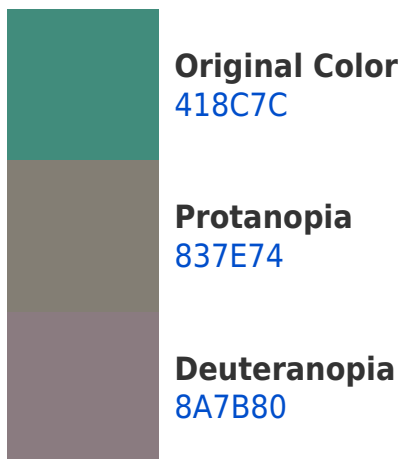


This preview shows how white text looks on a background with the Hex color 418C7C.

# 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](#).

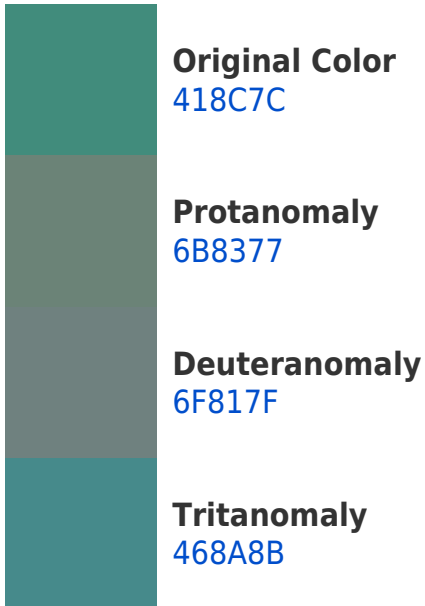
## Dichromacy





**Tritanopia**  
498994

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 418C7C 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 #418C7C looks like.

```
.text, #text, p{  
    color:#418C7C  
}
```

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 #418C7C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #418C7C
}
```

## Border

The CSS property to change the border of an element to Hex 418C7C 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
#418C7C }
```

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

```
.border{ border-color:#418C7C }
```

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

Here you see how a box with a 4 pixel #418C7C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #418C7C; -webkit-box-shadow:4px 4px  
4px 4px #418C7C; box-shadow:4px 4px 4px  
4px #418C7C }
```

# Background

The CSS property to change the background color of an element to Hex 418C7C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#418C7C }
```

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

```
.background{ background-color:#418C7C }
```

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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