

Converting Colors

Hex(416F7B)

Have a look what the booklet for
Hex(416F7B) contains.

Hex(416F7B)	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(416F7B)

Conversions

Conversions Part 1

Format	Color
Hex	416F7B
RGB	65, 111, 123
RGB Percent	25%, 44%, 48%
CMY	0.7451, 0.5647, 0.5176
CMYK	0.47, 0.10, 0.00, 0.52
HSL	192°, 31%, 37%
HSV	192°, 47%, 48%
XYZ	11.4396, 13.9228, 20.8233
YIQ	98.6140, -31.2680, -6.0200

Conversions

Conversions Part 2

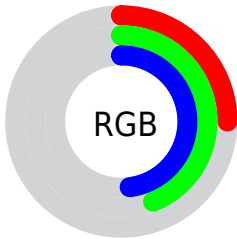
Format	Color
RYB	65, 91, 123
Decimal	4288379
CIELab	44.12, -12.28, -11.57
CIELCh	44, 16.873, 223.293
Yxy	13.9228, 0.2477, 0.3015
Android (android.graphics.Color)	4282478459 (0xFF416F7B)
YUV	98.6140, 12.0223, -29.4795
Hunter-Lab	37.3132, -10.5732, -6.9686

Details

The Hex color **416F7B** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **7B4D41**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **74A3AF**, and **093F4A** is the 20% darker color. If you saturate the color by 10%, you get **356C7B**, and if you desaturate by 10%, it is **4D727B**.

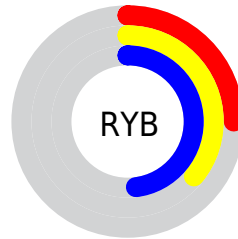
Distribution



Red (25%)

Green (44%)

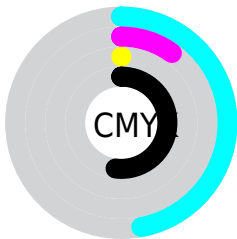
Blue (48%)



Red (25%)

Yellow (36%)

Blue (48%)

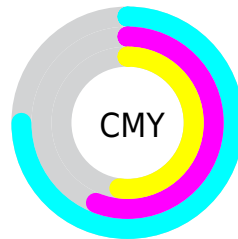


Cyan (47%)

Magenta (10%)

Yellow (0%)

Black (52%)



Cyan (75%)

Magenta (56%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 416F7B 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 416F7B by changing the saturation by 10% instead.

■ 416F7B

■ 416F7B

FFFFFF

■ 275762

■ 74A3AF

■ 093F4A

■ 8FBECB

■ 002934

■ AADAE7

■ 00161F

■ C6F6FF

■ 000003

■ E3FFFF

■ 000000

■ 416F7B

■ 416F7B

■ 356C7B

■ 4D727B

■ 286A7B

■ 5A747B

■ 1C677B

■ 66777B

■ 10657B

■ 72797B

■ 03627B

■ 7E7C7B

■ 00627B

■ 8B7E7B

■ 97817B

■ A3837B

■ B0867B

Harmonies

Analogous

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



42706E



416F7B



4D6C83

Triad

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



416F7B



7F5F71



6C694D

Complementary

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



416F7B



7B4D41

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.



7A654E



416F7B



855E62

Square

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



416F7B



72637D



836156



5C6D54

Rectangle

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



416F7B



596984



836156



71684C

Sweetspot

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



416F7B



8A9CA1



417B4D



444F52



D1D1D1



525252

Same Dimension

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



416F7B



458EA1



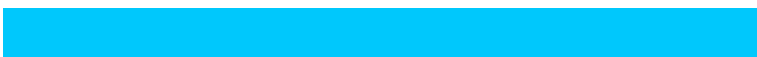
41527B



373C3D



00637D



00C8FC

Inverse Universe

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



7B416F



A1458E



7B6A41



3D373C



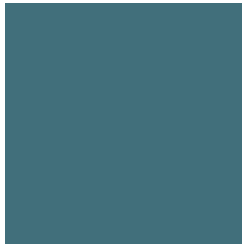
7D0063



FC00C8

Previews

White Background



This preview shows how the Hex color 416F7B looks on a white background.

Color Contrast Check

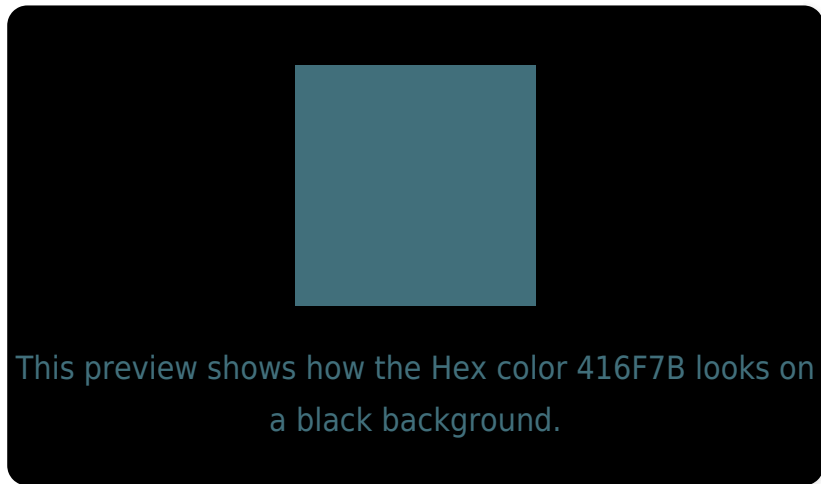
Large Text (above 18pt) WCAG AA ✓ Pass

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

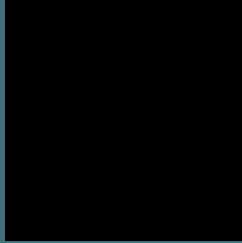
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

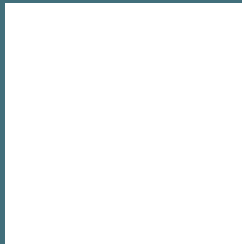
Any Text WCAG AAA × Fail

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

Hex 416F7B Background



This preview shows how black text looks on a background with the Hex color 416F7B.

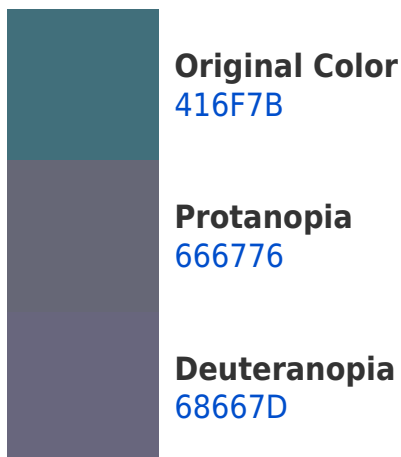


This preview shows how white text looks on a background with the Hex color 416F7B.

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](#).

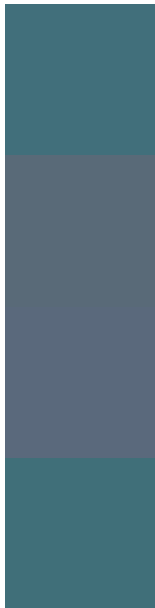
Dichromacy





Tritanopia
406F78

Trichromacy



Original Color
416F7B

Protanomaly
596A78

Deuteranomaly
5A697C

Tritanomaly
406F79

Monochromacy



Original Color
416F7B

Achromatopsia
636363

Achromatomaly
57676C

CSS Examples

Text

The CSS property to change the color of the text to Hex 416F7B 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 #416F7B looks like.

```
.text, #text, p{  
    color:#416F7B  
}
```

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 #416F7B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #416F7B  
}
```

Border

The CSS property to change the border of an element to Hex 416F7B 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  
#416F7B }
```

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

```
.border{ border-color:#416F7B }
```

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

Here you see how a box with a 4 pixel #416F7B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #416F7B; -webkit-box-shadow:4px 4px  
4px 4px #416F7B; box-shadow:4px 4px 4px  
4px #416F7B }
```

Background

The CSS property to change the background color of an element to Hex 416F7B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#416F7B }
```

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

```
.background{ background-color:#416F7B }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor