

Converting Colors

Hex(416C7C)

Have a look what the booklet for
Hex(416C7C) contains.

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Color

Hex(416C7C)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | 416C7C |
| RGB | 65, 108, 124 |
| RGB Percent | 25%, 42%, 49% |
| CMY | 0.7451, 0.5765, 0.5137 |
| CMYK | 0.48, 0.13, 0.00, 0.51 |
| HSL | 196°, 31%, 37% |
| HSV | 196°, 48%, 49% |
| XYZ | 11.1806, 13.3042, 21.0475 |
| YIQ | 96.9670, -30.7640, -4.1400 |

Conversions

Conversions Part 2

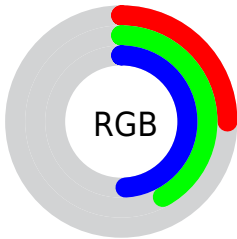
| Format | Color |
|-------------------------------------|-------------------------------|
| R _{YB} | 65, 90, 124 |
| Decimal | 4287612 |
| CIE Lab | 43.22, -10.26, -13.54 |
| CIE LCh | 43, 16.989, 232.844 |
| Yxy | 13.3042, 0.2456, 0.2922 |
| Android (android.graphics.Color) | 4282477692 (0xFF416C7C) |
| YUV | 96.9670, 13.3273, -28.0351 |
| Hunter-Lab | 36.4749, -9.1156, -8.6803 |

Details

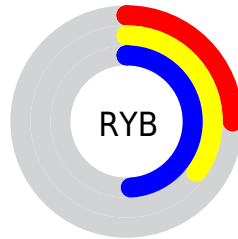
The Hex color **416C7C** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **7C5141**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **749FB1**, and **0A3D4B** is the 20% darker color. If you saturate the color by 10%, you get **35697C**, and if you desaturate by 10%, it is **4D6F7C**.

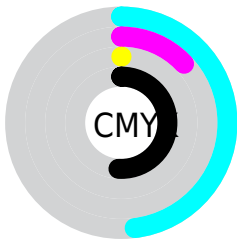
Distribution



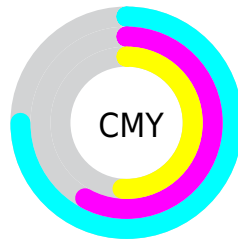
- Red (25%)
- Green (42%)
- Blue (49%)



- Red (25%)
- Yellow (35%)
- Blue (49%)



- Cyan (48%)
- Magenta (13%)
- Yellow (0%)
- Black (51%)



- Cyan (75%)
- Magenta (58%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 416C7C 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 416C7C by changing the saturation by 10% instead.

■ 416C7C

■ 416C7C

FFFFFF

■ 275463

■ 749FB1

■ 0A3D4B

■ 8FBACC

■ 002734

■ AAD6E8

■ 00131F

■ C6F3FF

■ 000004

■ E3FFFF

■ 000000

■ 416C7C

■ 416C7C

■ 35697C

■ 4D6F7C

■ 28657C

■ 5A737C

■ 1C627C

■ 66767C

■ 0F5F7C

■ 73797C

■ 035B7C

■ 7F7D7C

■ 005A7C

■ 8B807C

■ 98847C

■ A4877C

■ B18A7C

Harmonies

Analogous

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



3D6E70



416C7C



506882

Triad

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



416C7C



805C6A



65694C

Complementary

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



416C7C



7C5141

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.



74644A



416C7C



835C5C

Square

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



416C7C



755F77



7E5F50



556C55

Rectangle

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



416C7C



5D6581



7E5F50



6A674B

Sweetspot

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



416C7C



8A9BA1



417C51



444E52



D1D1D1



525252

Same Dimension

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



416C7C



4588A1



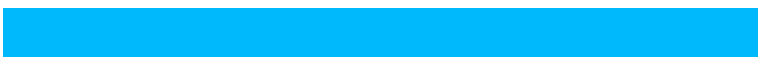
414F7C



373C3D



005B7D



00B8FC

Inverse Universe

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



7C416C



A14588



7C6E41



3D373C



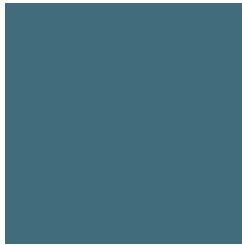
7D005B



FC00B8

Previews

White Background



This preview shows how the Hex color 416C7C looks on a white background.

Color Contrast Check

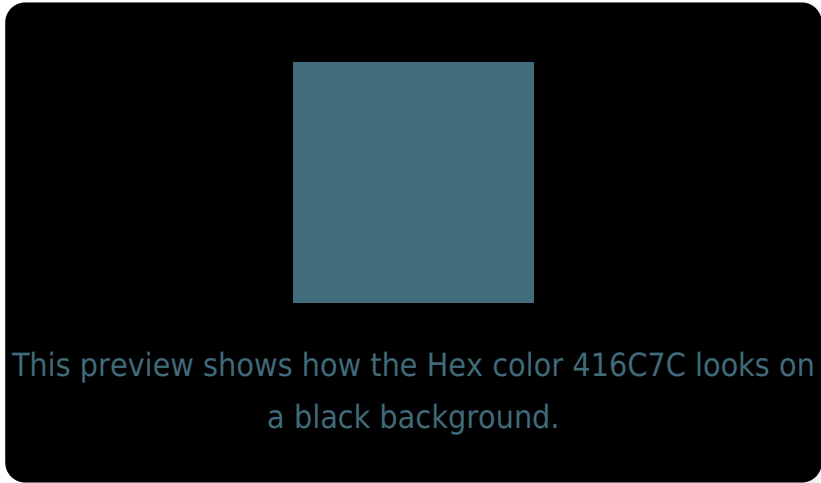
Large Text (above 18pt) WCAG AA ✓ Pass

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

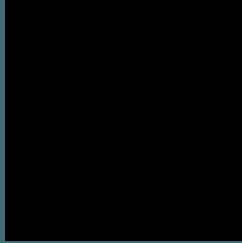
Any Text WCAG AA × Fail

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 416C7C Background



This preview shows how black text looks on a background with the Hex color 416C7C.

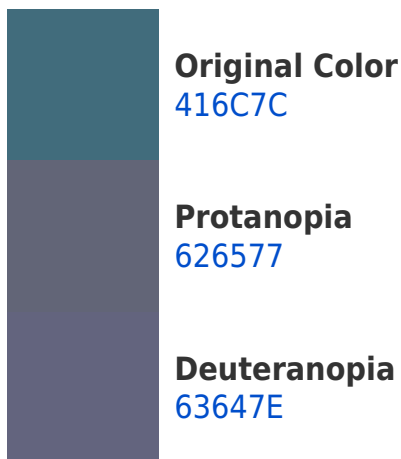


This preview shows how white text looks on a background with the Hex color 416C7C.

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](#).

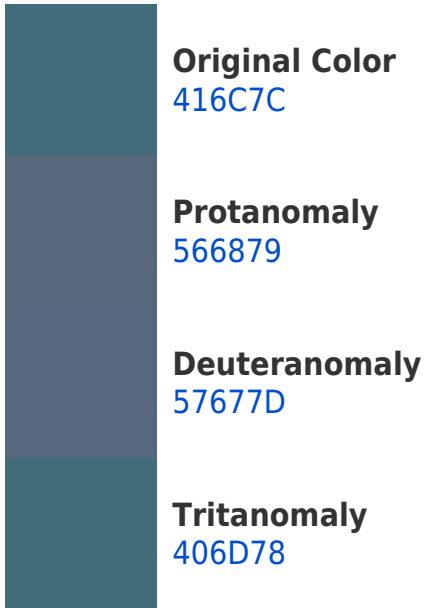
Dichromacy





Tritanopia
3F6D76

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 416C7C 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 #416C7C looks like.

```
.text, #text, p{  
    color:#416C7C  
}
```

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 #416C7C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #416C7C  
}
```

Border

The CSS property to change the border of an element to Hex 416C7C 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  
#416C7C }
```

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

```
.border{ border-color:#416C7C }
```

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

Here you see how a box with a 4 pixel #416C7C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #416C7C; -webkit-box-shadow:4px 4px  
4px 4px #416C7C; box-shadow:4px 4px 4px  
4px #416C7C }
```

Background

The CSS property to change the background color of an element to Hex 416C7C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#416C7C }
```

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

```
.background{ background-color:#416C7C }
```

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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