

# Converting Colors

Hex(406F7A)

Have a look what the booklet for  
Hex(406F7A) contains.

<b>Hex(406F7A)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(406F7A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	406F7A
RGB	64, 111, 122
RGB Percent	25%, 44%, 48%
CMY	0.7490, 0.5647, 0.5216
CMYK	0.48, 0.09, 0.00, 0.52
HSL	191°, 31%, 36%
HSV	191°, 48%, 48%
XYZ	11.3116, 13.8640, 20.4922
YIQ	98.2010, -31.5430, -6.5430

# Conversions

## Conversions Part 2

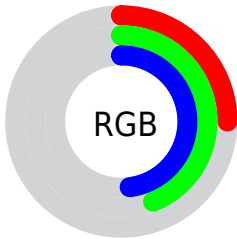
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	64, 90, 122
Decimal	4222842
CIE <sub>Lab</sub>	44.04, -12.84, -11.10
CIE <sub>LCh</sub>	44, 16.974, 220.849
Y <sub>xy</sub>	13.8640, 0.2477, 0.3036
Android (android.graphics.Color)	4282412922 (0xFF406F7A)
Y <sub>UV</sub>	98.2010, 11.7329, -29.9943
Hunter-Lab	37.2344, -10.9327, -6.5665




# Details

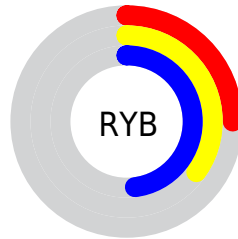
The Hex color **406F7A** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **7A4B40**, and the grayscale version is **626262**.




A 20% lighter version of the original color is **74A3AE**, and **083F49** is the 20% darker color. If you saturate the color by 10%, you get **346D7A**, and if you desaturate by 10%, it is **4C717A**.

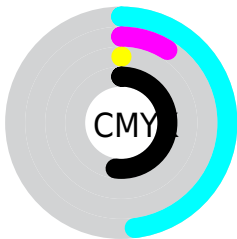
# Distribution







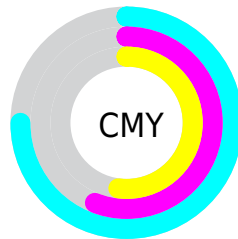
-  Red (25%)
-  Green (44%)
-  Blue (48%)






-  Red (25%)
-  Yellow (35%)
-  Blue (48%)



-  Cyan (48%)
-  Magenta (9%)
-  Yellow (0%)
-  Black (52%)



-  Cyan (75%)
-  Magenta (56%)
-  Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 406F7A 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 406F7A by changing the saturation by 10% instead.



406F7A

406F7A

FFFFFF

265761

74A3AE

083F49

8EBECA

002933

A9DAE6

00161E

C5F6FF

000002

E2FFFF

000000

406F7A

406F7A

346D7A

4C717A

286A7A

58747A

■ 1B687A

■ 65767A

■ 0F667A

■ 71787A

■ 03637A

■ 7D7B7A

■ 00637A

■ 897D7A

■ 957F7A

■ A2827A

■ AE847A

# Harmonies

## Analogous

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



42706D



406F7A



4B6C82

# Triad

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



406F7A



7E5F72



6D694C

# Complementary

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



406F7A



7A4B40

# 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.



7B644E



406F7A



855E63

# Square

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



406F7A



71637D



836056



5D6D52

# Rectangle

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



406F7A



586984



836056



72674C



# Sweetspot

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



406F7A



889A9E



407A4B



424D4F



CFCFCF



4F4F4F



# Same Dimension

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



406F7A



448D9E



40527A



373C3D



00657D



00CDFC



# Inverse Universe

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



7A406F



9E448D



7A6840



3D373C



7D0065

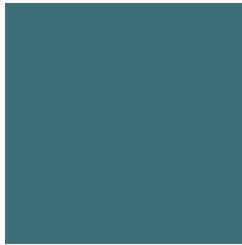


FC00CD



# Previews

## White Background



This preview shows how the Hex color 406F7A looks on a white background.

## Color Contrast Check

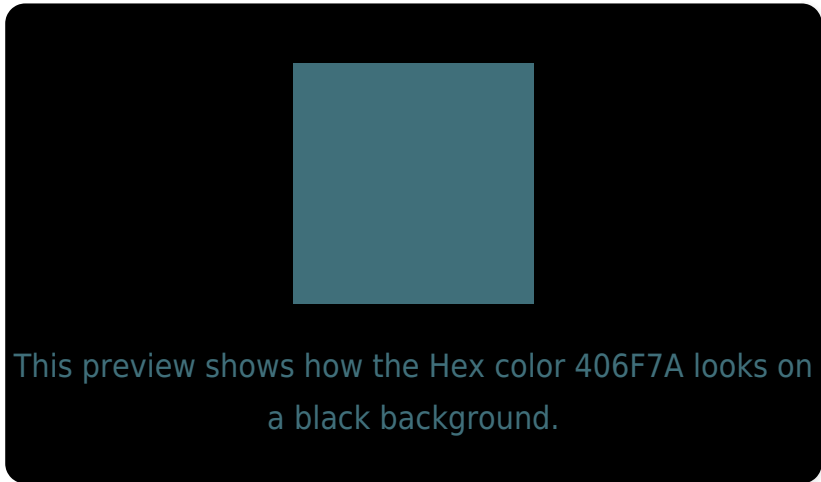
Large Text (above 18pt) WCAG AA ✓ Pass

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

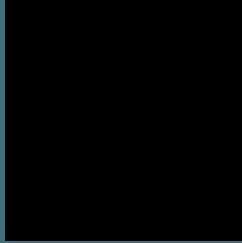
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

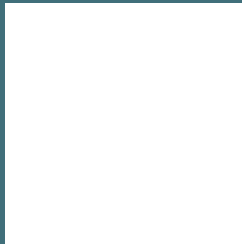
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 406F7A Background



This preview shows how black text looks on a background with the Hex color 406F7A.

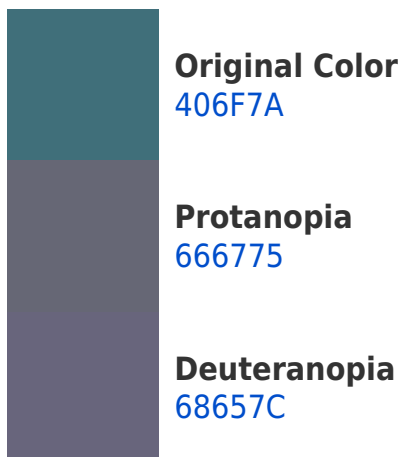



This preview shows how white text looks on a background with the Hex color 406F7A.

# 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](#).

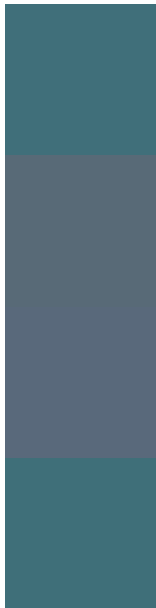
## Dichromacy





**Tritanopia**  
3F6F78

# Trichromacy



**Original Color**  
406F7A

**Protanomaly**  
586A77

**Deuteranomaly**  
59697B

**Tritanomaly**  
3F6F79

# Monochromacy



**Original Color**  
406F7A

**Achromatopsia**  
626262

**Achromatomaly**  
56676B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 406F7A 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 #406F7A looks like.

```
.text, #text, p{  
    color:#406F7A  
}
```

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 #406F7A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #406F7A
}
```

## Border

The CSS property to change the border of an element to Hex 406F7A 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
#406F7A }
```

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

```
.border{ border-color:#406F7A }
```

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

Here you see how a box with a 4 pixel #406F7A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #406F7A; -webkit-box-shadow:4px 4px  
4px 4px #406F7A; box-shadow:4px 4px 4px  
4px #406F7A }
```

# Background

The CSS property to change the background color of an element to Hex 406F7A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#406F7A }
```

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

```
.background{ background-color:#406F7A }
```

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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