

Converting Colors

Hex(406D7A)

Have a look what the booklet for
Hex(406D7A) contains.

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Color

Hex(406D7A)

Conversions

Conversions Part 1

Format	Color
Hex	406D7A
RGB	64, 109, 122
RGB Percent	25%, 43%, 48%
CMY	0.7490, 0.5725, 0.5216
CMYK	0.48, 0.11, 0.00, 0.52
HSL	193°, 31%, 36%
HSV	193°, 48%, 48%
XYZ	11.0958, 13.4324, 20.4203
YIQ	97.0270, -30.9930, -5.4970

Conversions

Conversions Part 2

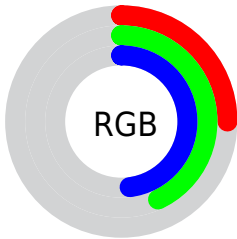
Format	Color
RYB	64, 89, 122
Decimal	4222330
CIELab	43.41, -11.70, -12.05
CIElCh	43, 16.798, 225.852
Yxy	13.4324, 0.2469, 0.2988
Android (android.graphics.Color)	4282412410 (0xFF406D7A)
YUV	97.0270, 12.3117, -28.9647
Hunter-Lab	36.6502, -10.0972, -7.3792

Details

The Hex color **406D7A** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **7A4D40**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **73A1AE**, and **083D49** is the 20% darker color. If you saturate the color by 10%, you get **346A7A**, and if you desaturate by 10%, it is **4C707A**.

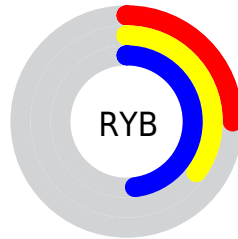
Distribution



Red (25%)

Green (43%)

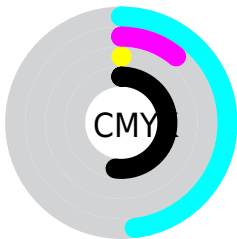
Blue (48%)



Red (25%)

Yellow (35%)

Blue (48%)

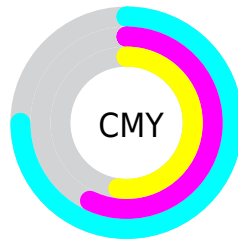


Cyan (48%)

Magenta (11%)

Yellow (0%)

Black (52%)



Cyan (75%)

Magenta (57%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 406D7A 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 406D7A by changing the saturation by 10% instead.

■ 406D7A

■ 406D7A

FFFFFF

■ 265561

■ 73A1AE

■ 083D49

■ 8EBCCA

■ 002733

■ A9D7E6

■ 00141E

■ C5F4FF

■ 000002

■ E1FFFF

■ 000000

■ 406D7A

■ 406D7A

■ 346A7A

■ 4C707A

■ 28687A

■ 58727A

1B657A

65757A

0F627A

71787A

035F7A

7D7B7A

005F7A

897D7A

95807A

A2837A

AE867A

Harmonies

Analogous

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



406E6E



406D7A



4D6A81

Triad

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



406D7A



7E5D6E



69684C

Complementary

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



406D7A



7A4D40

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.



77634C



406D7A



835D60

Square

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



406D7A



72617A



805F53



596C53

Rectangle

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



406D7A



596782



805F53



6E674B

Sweetspot

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



406D7A



88999E



407A4D



424C4F



CFCFCF



4F4F4F

Same Dimension

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



406D7A



448A9E



40507A



373C3D



00617D



00C4FC

Inverse Universe

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



7A406D



9E448A



7A6A40



3D373C



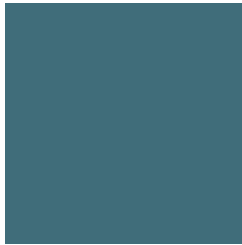
7D0061



FC00C4

Previews

White Background



This preview shows how the Hex color 406D7A looks on a white background.

Color Contrast Check

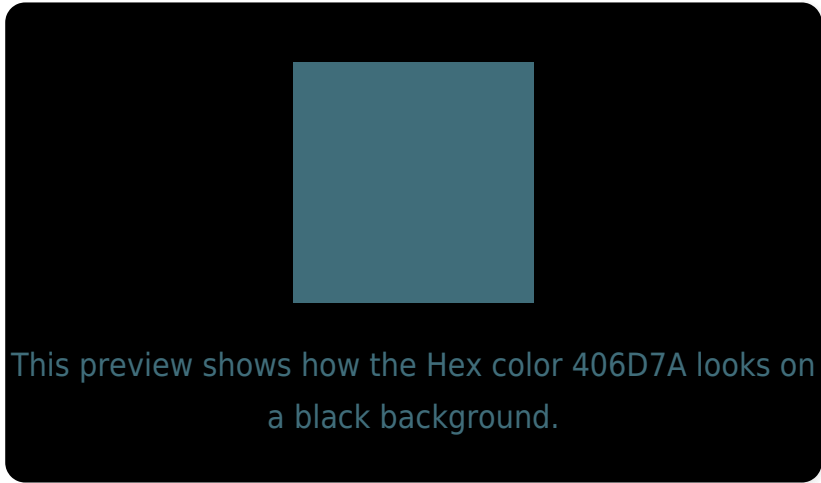
Large Text (above 18pt) WCAG AA ✓ Pass

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

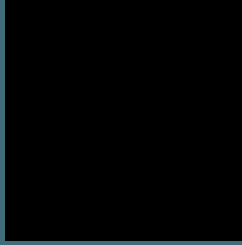
Any Text WCAG AA × Fail

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 406D7A Background



This preview shows how black text looks on a background with the Hex color 406D7A.

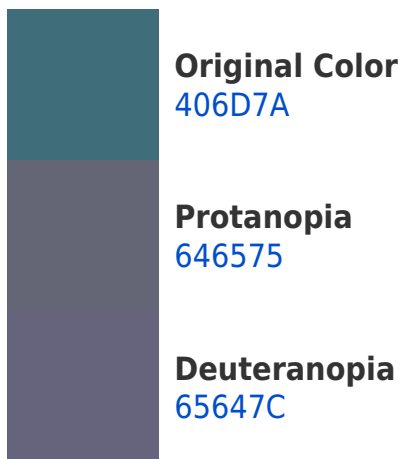


This preview shows how white text looks on a background with the Hex color 406D7A.

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](#).

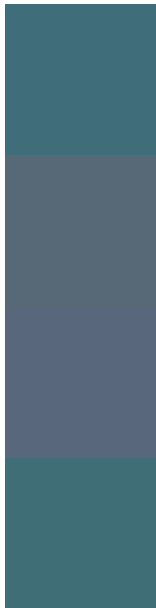
Dichromacy





Tritanopia
3F6E76

Trichromacy



Original Color

406D7A

Protanomaly

576877

Deuteranomaly

58677B

Tritanomaly

3F6E77

Monochromacy



Original Color

406D7A

Achromatopsia

616161

Achromatomaly

55656A

CSS Examples

Text

The CSS property to change the color of the text to Hex 406D7A 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 #406D7A looks like.

```
.text, #text, p{  
    color:#406D7A  
}
```

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 #406D7A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #406D7A
}
```

Border

The CSS property to change the border of an element to Hex 406D7A 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
#406D7A }
```

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

```
.border{ border-color:#406D7A }
```

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

Here you see how a box with a 4 pixel #406D7A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #406D7A; -webkit-box-shadow:4px 4px  
4px 4px #406D7A; box-shadow:4px 4px 4px  
4px #406D7A }
```

Background

The CSS property to change the background color of an element to Hex 406D7A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#406D7A }
```

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

```
.background{ background-color:#406D7A }
```

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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