

Converting Colors

Hex(0070A0)

Have a look what the booklet for
Hex(0070A0) contains.

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Color

Hex(0070A0)

Conversions

Conversions Part 1

Format	Color
Hex	0070A0
RGB	0, 112, 160
RGB Percent	0%, 44%, 63%
CMY	1.0000, 0.5608, 0.3725
CMYK	1.00, 0.30, 0.00, 0.37
HSL	198°, 100%, 31%
HSV	198°, 100%, 63%
XYZ	12.1393, 14.1264, 35.3446
YIQ	83.9840, -82.1600, -8.8160

Conversions

Conversions Part 2

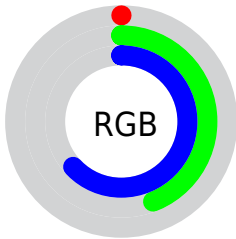
Format	Color
RYB	0, 66, 160
Decimal	28832
CIELab	44.41, -8.60, -33.29
CIELCh	44, 34.384, 255.509
Yxy	14.1264, 0.1970, 0.2293
Android (android.graphics.Color)	4278218912 (0xFF0070A0)
YUV	83.9840, 37.4759, -73.6540
Hunter-Lab	37.5851, -8.1216, -29.4460

Details

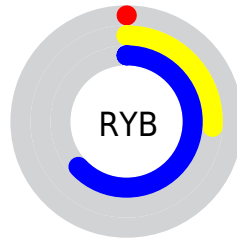
The Hex color **0070A0** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **A03000**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **57A4D7**, and **00406C** is the 20% darker color. If you saturate the color by 10%, you get **0070A0**, and if you desaturate by 10%, it is **1075A0**.

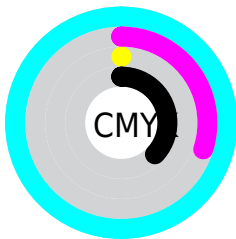
Distribution



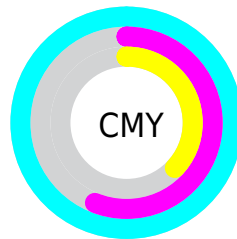
- Red (0%)
- Green (44%)
- Blue (63%)



- Red (0%)
- Yellow (26%)
- Blue (63%)



- Cyan (100%)
- Magenta (30%)
- Yellow (0%)
- Black (37%)



- Cyan (100%)
- Magenta (56%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0070A0 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 0070A0 by changing the saturation by 10% instead.

0070A0

0070A0

FFFFFF

005886

57A4D7

00406C

75BFF4

002B54

92DAFF

00173C

AFF7FF

000326

CDFFFF

00010F

EBFFFF

000000

0070A0

1075A0

■ 207AA0

■ 307EA0

■ 4083A0

■ 5088A0

■ 608DA0

■ 7092A0

■ 8096A0

■ 909BA0

Harmonies

Analogous

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



007691



0070A0



5567A0

Triad

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



0070A0



9F525B



4C7340

Complementary

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



0070A0



A03000

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.



6C6C30



0070A0



985841

Square

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



0070A0



975378



866331



1D775A

Rectangle

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



0070A0



725F98



866331



577139

Sweetspot

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



0070A0



92BED1



00A030



435D69



E8E8E8



696969

Same Dimension

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



0070A0



0092D1



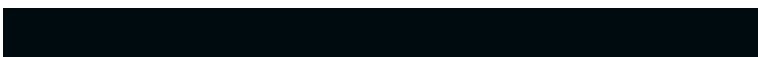
0020A0



474D4F



00648F



000B0F

Inverse Universe

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



A00070



D10092



A08000



4F474D



8F0064



0F000B

Previews

White Background



This preview shows how the Hex color 0070A0 looks on a white background.

Color Contrast Check

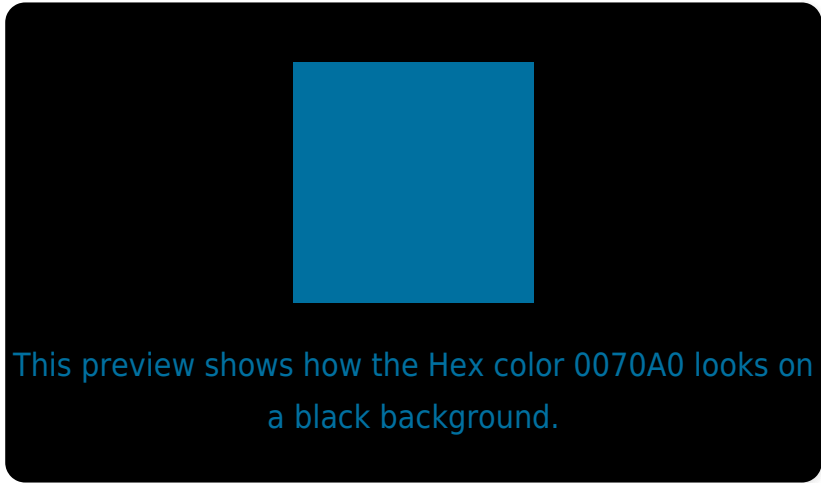
Large Text (above 18pt) WCAG AA ✓ Pass

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

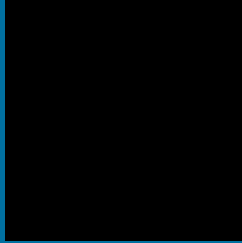
Any Text WCAG AA × Fail

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 0070A0 Background



This preview shows how black text looks on a background with the Hex color 0070A0.



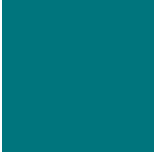
This preview shows how white text looks on a background with the Hex color 0070A0.

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](#).

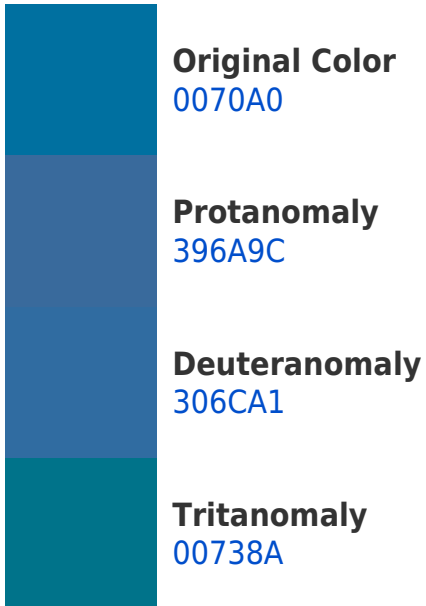
Dichromacy





Tritanopia
00757D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 0070A0 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 #0070A0 looks like.

```
.text, #text, p{  
    color:#0070A0  
}
```

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 #0070A0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0070A0
}
```

Border

The CSS property to change the border of an element to Hex 0070A0 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
#0070A0 }
```

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

```
.border{ border-color:#0070A0 }
```

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

Here you see how a box with a 4 pixel #0070A0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0070A0; -webkit-box-shadow:4px 4px  
4px 4px #0070A0; box-shadow:4px 4px 4px  
4px #0070A0 }
```

Background

The CSS property to change the background color of an element to Hex 0070A0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0070A0 }
```

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

```
.background{ background-color:#0070A0 }
```

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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