

Converting Colors

Hex(76A0BC)

Have a look what the booklet for
Hex(76A0BC) contains.

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Color

Hex(76A0BC)

Conversions

Conversions Part 1

Format	Color
Hex	76A0BC
RGB	118, 160, 188
RGB Percent	46%, 63%, 74%
CMY	0.5373, 0.3725, 0.2627
CMYK	0.37, 0.15, 0.00, 0.26
HSL	204°, 34%, 60%
HSV	204°, 37%, 74%
XYZ	29.1191, 32.6240, 52.3393
YIQ	150.6340, -34.0200, -0.1960

Conversions

Conversions Part 2

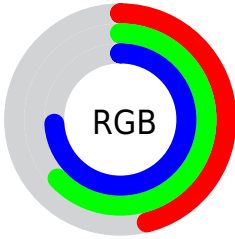
Format	Color
RYB	118, 144, 188
Decimal	7774396
CIELab	63.86, -7.14, -18.99
CIELCh	64, 20.285, 249.402
Yxy	32.6240, 0.2552, 0.2860
Android (android.graphics.Color)	4285964476 (0xFF76A0BC)
YUV	150.6340, 18.4214, -28.6200
Hunter-Lab	57.1174, -8.9541, -14.3479

Details

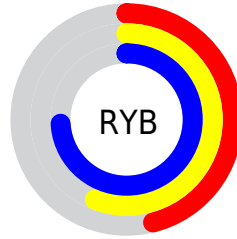
The Hex color **76A0BC** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **BC9276**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **ACD7F4**, and **426D87** is the 20% darker color. If you saturate the color by 10%, you get **6398BC**, and if you desaturate by 10%, it is **89A8BC**.

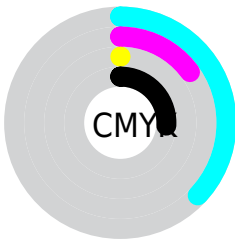
Distribution



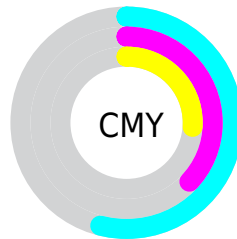
- Red (46%)
- Green (63%)
- Blue (74%)



- Red (46%)
- Yellow (56%)
- Blue (74%)



- Cyan (37%)
- Magenta (15%)
- Yellow (0%)
- Black (26%)



- Cyan (54%)
- Magenta (37%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Hex color 76A0BC 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 76A0BC by changing the saturation by 10% instead.

 76A0BC

 76A0BC

FFFFFF

 5C86A1

 ACD7F4

 426D87

 C8F3FF

 27546D

 E5FFFF

 063D55

 00273E

 001328

 000112

 000000

 76A0BC

 76A0BC

6398BC

89A8BC

5091BC

9CAFBC

3E89BC

AEB7BC

2B82BC

C1BEBC

187ABC

D4C6BC

0573BC

E7CDBC

0071BC

FAD5BC

FFDCBC

FFE4BC

Harmonies

Analogous

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



69A4B1



76A0BC



8D9ABE

Triad

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



76A0BC



C08E96



8EA17E

Complementary

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



76A0BC



BC9276

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.



A39B77



76A0BC



BE9085

Square

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



76A0BC



B78FA8



B49579



7AA48D

Rectangle

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



76A0BC



9D96BA



B49579



959F7B

Sweetspot

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



76A0BC



DAEAF5



76BC92



6A747A



FAFAFA



7A7A7A

Same Dimension

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



76A0BC



87C9F5



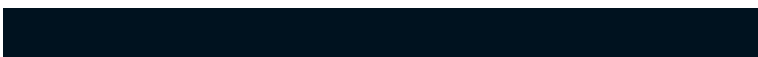
767DBC



555B5E



005F9E



00121F

Inverse Universe

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



BC76A0



F587C9



BCB576



5E555B



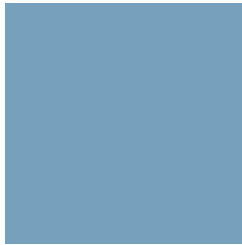
9E005F



1F0012

Previews

White Background



This preview shows how the Hex color 76A0BC looks on a white background.

Color Contrast Check

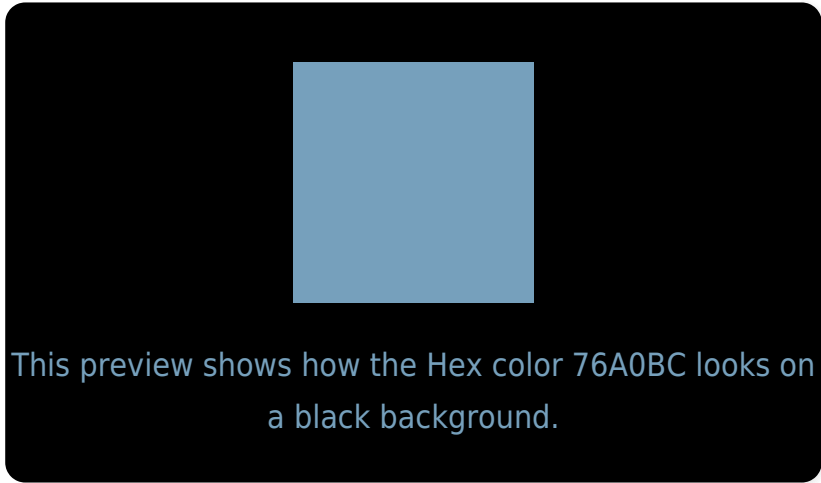
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

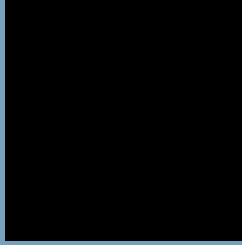
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

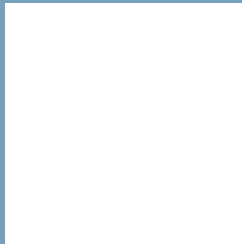
Any Text WCAG AAA ✓ Pass

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

Hex 76A0BC Background



This preview shows how black text looks on a background with the Hex color 76A0BC.



This preview shows how white text looks on a background with the Hex color 76A0BC.

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](#).

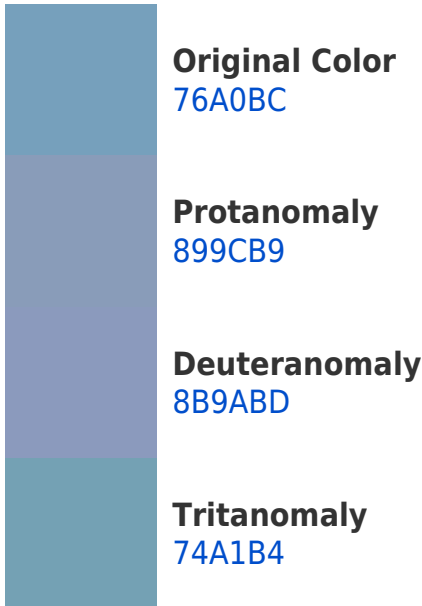
Dichromacy





Tritanopia
73A2AF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 76A0BC 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 #76A0BC looks like.

```
.text, #text, p{  
    color:#76A0BC  
}
```

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 #76A0BC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #76A0BC
}
```

Border

The CSS property to change the border of an element to Hex 76A0BC 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
#76A0BC }
```

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

```
.border{ border-color:#76A0BC }
```

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

Here you see how a box with a 4 pixel #76A0BC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #76A0BC; -webkit-box-shadow:4px 4px  
4px 4px #76A0BC; box-shadow:4px 4px 4px  
4px #76A0BC }
```

Background

The CSS property to change the background color of an element to Hex 76A0BC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#76A0BC }
```

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

```
.background{ background-color:#76A0BC }
```

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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