

Converting Colors

Hex(76A2BC)

Have a look what the booklet for
Hex(76A2BC) contains.

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Color

Hex(76A2BC)

Conversions

Conversions Part 1

Format	Color
Hex	76A2BC
RGB	118, 162, 188
RGB Percent	46%, 64%, 74%
CMY	0.5373, 0.3647, 0.2627
CMYK	0.37, 0.14, 0.00, 0.26
HSL	202°, 34%, 60%
HSV	202°, 37%, 74%
XYZ	29.4686, 33.3231, 52.4558
YIQ	151.8080, -34.5700, -1.2420

Conversions

Conversions Part 2

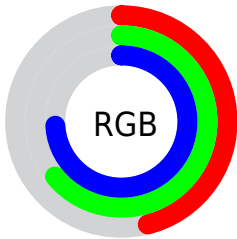
Format	Color
R_{YB}	118, 145, 188
Decimal	7774908
CIE _{Lab}	64.42, -8.23, -18.13
CIE _{LCh}	64, 19.911, 245.571
Yxy	33.3231, 0.2557, 0.2891
Android (android.graphics.Color)	4285964988 (0xFF76A2BC)
YUV	151.8080, 17.8427, -29.6496
Hunter-Lab	57.7261, -9.8981, -13.4686

Details

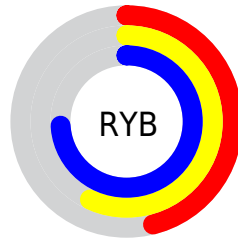
The Hex color **76A2BC** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **BC9076**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **ACD9F4**, and **426E87** is the 20% darker color. If you saturate the color by 10%, you get **639BBC**, and if you desaturate by 10%, it is **89A9BC**.

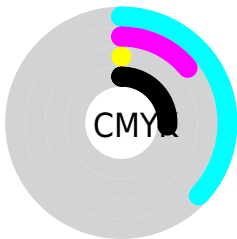
Distribution



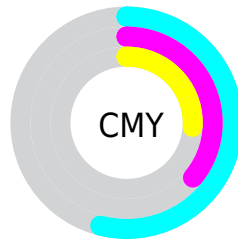
- Red (46%)
- Green (64%)
- Blue (74%)



- Red (46%)
- Yellow (57%)
- Blue (74%)



- Cyan (37%)
- Magenta (14%)
- Yellow (0%)
- Black (26%)



- Cyan (54%)
- Magenta (36%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Hex color 76A2BC 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 76A2BC by changing the saturation by 10% instead.

 76A2BC

 76A2BC

FFFFFF

 5C88A1

 ACD9F4

 426E87

 C8F5FF

 27566D

 E5FFFF

 063F55

 00293E

 001528

 000113

 000000

 76A2BC

 76A2BC

639BBC

89A9BC

5094BC

9CB0BC

3E8DBC

AEB7BC

2B86BC

C1BEBC

187FBC

D4C5BC

0578BC

E7CCBC

0076BC

FAD3BC

FFDABC

FFE1BC

Harmonies

Analogous

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



6BA5B0



76A2BC



8C9DBF

Triad

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



76A2BC



C09099



93A17F

Complementary

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



76A2BC



BC9076

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.



A69C79



76A2BC



C09188

Square

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



76A2BC



B692AB



B6967C



7FA58D

Rectangle

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



76A2BC



9C99BC



B6967C



99A07C

Sweetspot

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



76A2BC



DAEBF5



76BC90



6A747A



FAFAFA



7A7A7A

Same Dimension

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



76A2BC



87CCF5



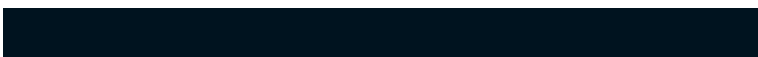
767FBC



555B5E



00639E



00131F

Inverse Universe

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



BC76A2



F587CC



BCB376



5E555B



9E0063



1F0013

Previews

White Background



This preview shows how the Hex color 76A2BC looks on a white background.

Color Contrast Check

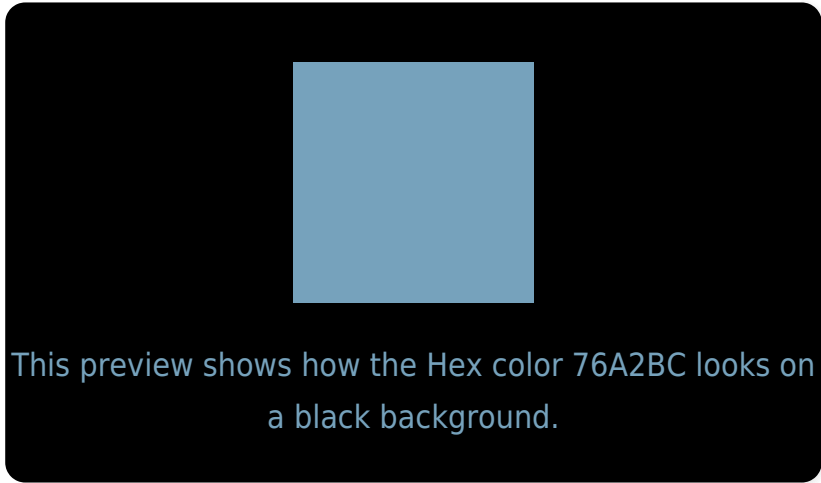
Large Text (above 18pt) WCAG AA × Fail

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

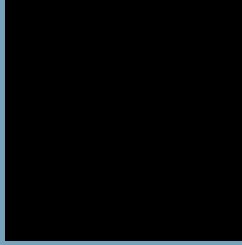
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

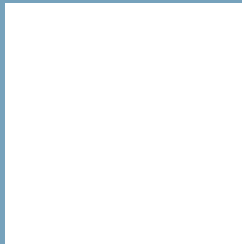
Any Text WCAG AAA ✓ Pass

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

Hex 76A2BC Background



This preview shows how black text looks on a background with the Hex color 76A2BC.



This preview shows how white text looks on a background with the Hex color 76A2BC.

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](#).

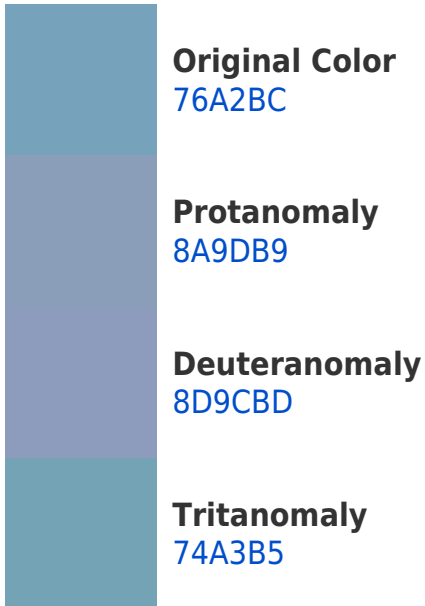
Dichromacy



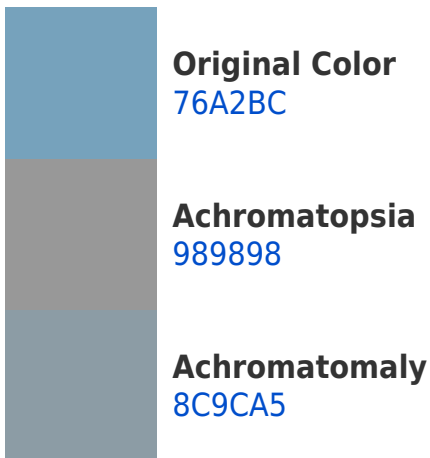


Tritanopia
73A4B1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 76A2BC 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 #76A2BC looks like.

```
.text, #text, p{  
    color:#76A2BC  
}
```

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 #76A2BC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #76A2BC
}
```

Border

The CSS property to change the border of an element to Hex 76A2BC 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
#76A2BC }
```

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

```
.border{ border-color:#76A2BC }
```

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

Here you see how a box with a 4 pixel #76A2BC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #76A2BC; -webkit-box-shadow:4px 4px  
4px 4px #76A2BC; box-shadow:4px 4px 4px  
4px #76A2BC }
```

Background

The CSS property to change the background color of an element to Hex 76A2BC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#76A2BC }
```

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

```
.background{ background-color:#76A2BC }
```

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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