

# Converting Colors

Hex(76A1BD)

Have a look what the booklet for  
Hex(76A1BD) contains.

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# **Color**

**Hex(76A1BD)**

# Conversions

## Conversions Part 1

Format	Color
Hex	76A1BD
RGB	118, 161, 189
RGB Percent	46%, 63%, 74%
CMY	0.5373, 0.3686, 0.2588
CMYK	0.38, 0.15, 0.00, 0.26
HSL	204°, 35%, 60%
HSV	204°, 38%, 74%
XYZ	29.4014, 33.0154, 52.9671
YIQ	151.3350, -34.6160, -0.4080

# Conversions

## Conversions Part 2

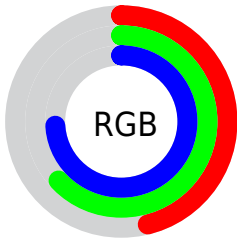
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	118, 145, 189
Decimal	7774653
CIE Lab	64.17, -7.42, -19.06
CIE LCh	64, 20.458, 248.728
Yxy	33.0154, 0.2548, 0.2861
Android (android.graphics.Color)	4285964733 (0xFF76A1BD)
YUV	151.3350, 18.5688, -29.2348
Hunter-Lab	57.4590, -9.2161, -14.4336

# Details

The Hex color **76A1BD** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **BD9276**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **ACD8F5**, and **426E88** is the 20% darker color. If you saturate the color by 10%, you get **639ABD**, and if you desaturate by 10%, it is **89A8BD**.

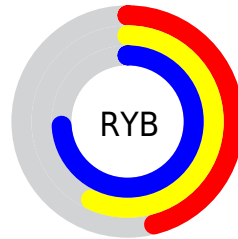
# Distribution



Red (46%)

Green (63%)

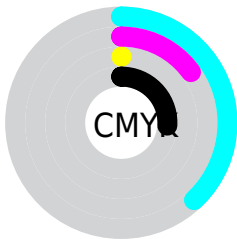
Blue (74%)



Red (46%)

Yellow (57%)

Blue (74%)

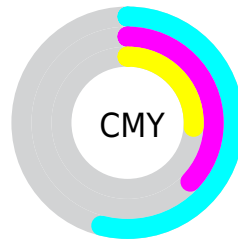


Cyan (38%)

Magenta (15%)

Yellow (0%)

Black (26%)



Cyan (54%)

Magenta (37%)

Yellow (26%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 76A1BD 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 76A1BD by changing the saturation by 10% instead.



 76A1BD

 76A1BD

FFFFFF

 5C87A2

 ACD8F5

 426E88

 C8F4FF

 27556E

 E5FFFF

 053E56

 00283E

 001428

 000113

 000000

 76A1BD

 76A1BD

639ABD

89A8BD

5092BD

9CB0BD

3D8BBD

AFB7BD

2A83BD

C2BFBD

177CBD

D5C6BD

0574BD

E7CEBD

0072BD

FAD5BD

FFDDBD

FFE4BD

# Harmonies

## Analogous

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



69A5B2



76A1BD



8D9BBF

# Triad

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



76A1BD



C18F97



8FA17F

# Complementary

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



76A1BD



BD9276

# 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.



A49C77



76A1BD



BF9186

# Square

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



76A1BD



B890A9



B5967A



7BA58E

# Rectangle

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



76A1BD



9E97BB



B5967A



96A07B



# Sweetspot

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



76A1BD



DAEAF5



76BD91



6A747A



FAFAFA



7A7A7A



# Same Dimension

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



76A1BD



87C9F5



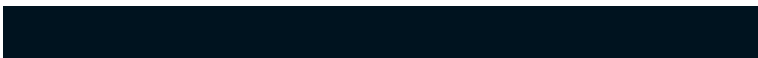
767EBD



555B5E



00609E



00131F



# Inverse Universe

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



BD76A1



F587C9



BDB576



5E555B



9E0060

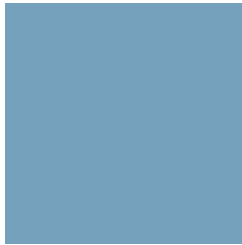


1F0013



# Previews

## White Background



This preview shows how the Hex color 76A1BD looks on a white background.

## Color Contrast Check

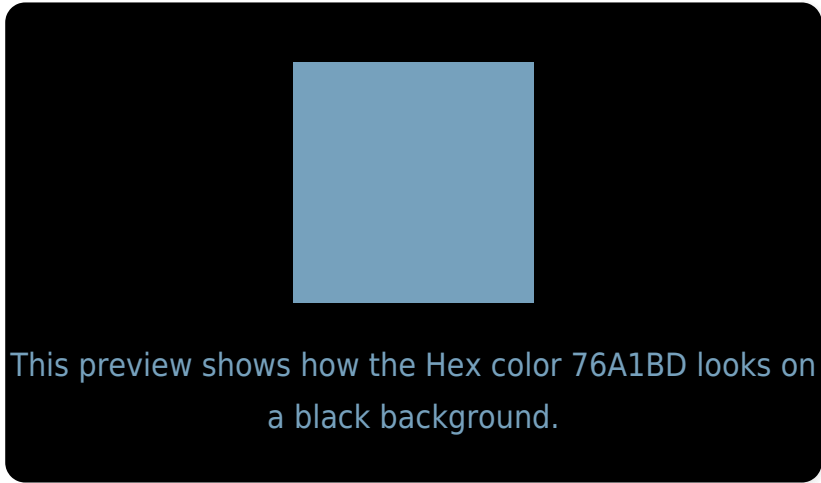
Large Text (above 18pt) WCAG AA × Fail

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

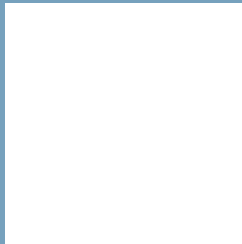
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 76A1BD Background



This preview shows how black text looks on a background with the Hex color 76A1BD.

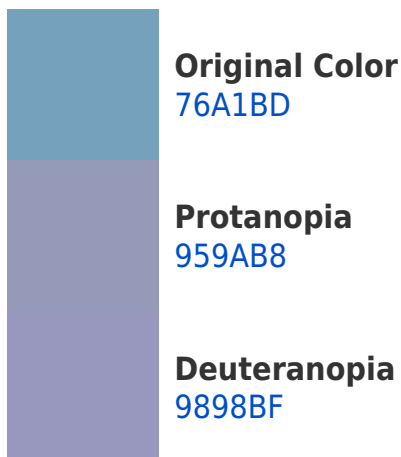


This preview shows how white text looks on a background with the Hex color 76A1BD.

# 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](#).

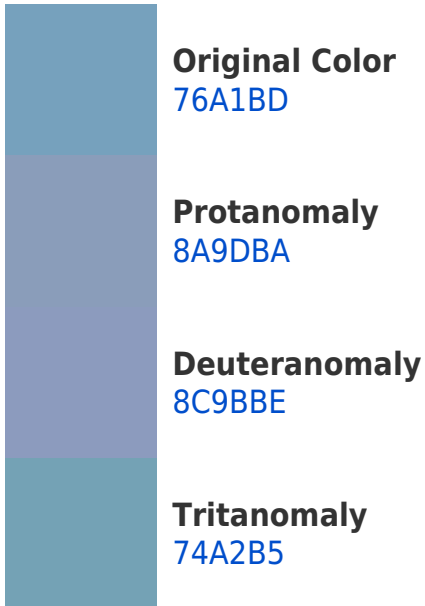
## Dichromacy



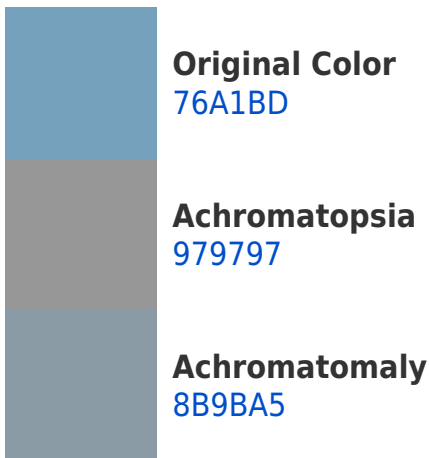


**Tritanopia**  
73A3B0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 76A1BD 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 #76A1BD looks like.

```
.text, #text, p{  
    color:#76A1BD  
}
```

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 #76A1BD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #76A1BD
}
```

## Border

The CSS property to change the border of an element to Hex 76A1BD 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
#76A1BD }
```

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

```
.border{ border-color:#76A1BD }
```

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

Here you see how a box with a 4 pixel #76A1BD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #76A1BD; -webkit-box-shadow:4px 4px  
4px 4px #76A1BD; box-shadow:4px 4px 4px  
4px #76A1BD }
```

# Background

The CSS property to change the background color of an element to Hex 76A1BD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#76A1BD }
```

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

```
.background{ background-color:#76A1BD }
```

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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