

# Converting Colors

Hex(74A2BC)

Have a look what the booklet for  
Hex(74A2BC) contains.

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# **Color**

**Hex(74A2BC)**

# Conversions

## Conversions Part 1

Format	Color
Hex	74A2BC
RGB	116, 162, 188
RGB Percent	45%, 64%, 74%
CMY	0.5451, 0.3647, 0.2627
CMYK	0.38, 0.14, 0.00, 0.26
HSL	202°, 35%, 60%
HSV	202°, 38%, 74%
XYZ	29.1999, 33.1845, 52.4432
YIQ	151.2100, -35.7620, -1.6660

# Conversions

## Conversions Part 2

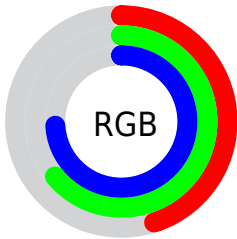
Format	Color
<a href="#">RYB</a>	<a href="#">116, 144, 188</a>
Decimal	<a href="#">7643836</a>
CIELab	<a href="#">64.31, -8.79, -18.31</a>
CIElCh	<a href="#">64, 20.307, 244.366</a>
Yxy	<a href="#">33.1845, 0.2543, 0.2890</a>
Android (android.graphics.Color)	<a href="#">4285833916</a> ( <a href="#">0xFF74A2BC</a> )
YUV	<a href="#">151.2100, 18.1375, -30.8792</a>
Hunter-Lab	<a href="#">57.6060, -10.3307, -13.6521</a>

# Details

The Hex color **74A2BC** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **BC8E74**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **AAD9F4**, and **3F6E87** is the 20% darker color. If you saturate the color by 10%, you get **619BBC**, and if you desaturate by 10%, it is **87A9BC**.

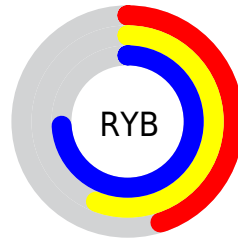
# Distribution



Red (45%)

Green (64%)

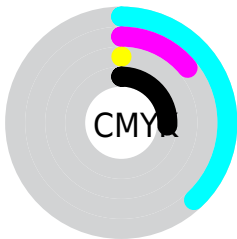
Blue (74%)



Red (45%)

Yellow (56%)

Blue (74%)

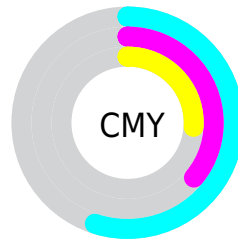


Cyan (38%)

Magenta (14%)

Yellow (0%)

Black (26%)



Cyan (55%)

Magenta (36%)

Yellow (26%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 74A2BC 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 74A2BC by changing the saturation by 10% instead.



 74A2BC

 74A2BC

FFFFFF

 5A88A1

 AAD9F4

 3F6E87

 C6F5FF

 24566D

 E3FFFF

 013F55

 00293E

 001528

 000113

 000000

 74A2BC

 74A2BC

619BBC

87A9BC

4E94BC

9AB0BC

3C8EBC

ACB6BC

2987BC

BFBDBC

1680BC

D2C4BC

0379BC

E5CBBC

0078BC

F8D2BC

FFD8BC

FFDFBC

# Harmonies

## Analogous

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



69A5B0



74A2BC



8A9DC0

# Triad

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



74A2BC



C08F9A



93A17E

# Complementary

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



74A2BC



BC8E74

# 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.



A79C78



74A2BC



C09188

# Square

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



74A2BC



B691AC



B7967C



7EA58C

# Rectangle

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



74A2BC



9B98BD



B7967C



9A9F7B



# Sweetspot

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



74A2BC



DAEBF5



74BC8D



6A757A



FAFAFA



7A7A7A



# Same Dimension

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



74A2BC



84CCF5



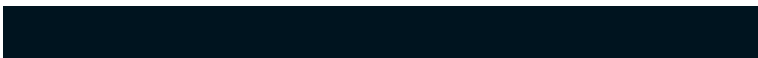
747FBC



555B5E



00659E



00141F



# Inverse Universe

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



BC74A2



F584CC



BCB174



5E555B



9E0065



1F0014



# Previews

## White Background



This preview shows how the Hex color 74A2BC looks on a white background.

## Color Contrast Check

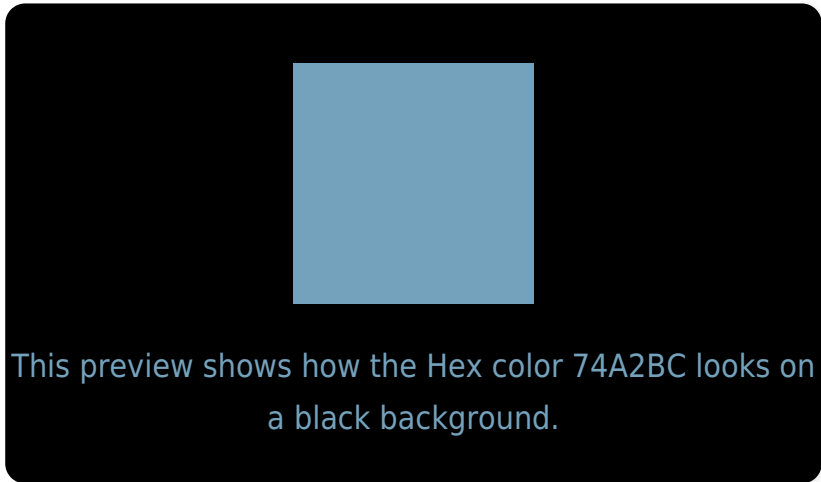
Large Text (above 18pt) WCAG AA × Fail

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

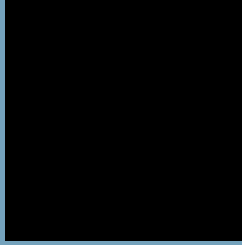
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

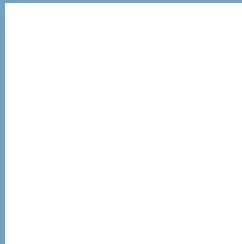
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 74A2BC Background



This preview shows how black text looks on a background with the Hex color 74A2BC.



This preview shows how white text looks on a background with the Hex color 74A2BC.

# 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](#).

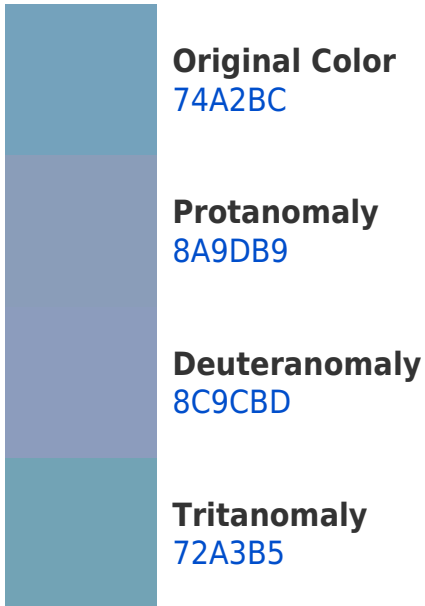
## Dichromacy





**Tritanopia**  
71A4B1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 74A2BC 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 #74A2BC looks like.

```
.text, #text, p{  
    color:#74A2BC  
}
```

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 #74A2BC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #74A2BC  
}
```

## Border

The CSS property to change the border of an element to Hex 74A2BC 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  
#74A2BC }
```

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

```
.border{ border-color:#74A2BC }
```

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

Here you see how a box with a 4 pixel #74A2BC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #74A2BC; -webkit-box-shadow:4px 4px  
4px 4px #74A2BC; box-shadow:4px 4px 4px  
4px #74A2BC }
```

# Background

The CSS property to change the background color of an element to Hex 74A2BC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#74A2BC }
```

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

```
.background{ background-color:#74A2BC }
```

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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