

# Converting Colors

Hex(78A3CB)

Have a look what the booklet for  
Hex(78A3CB) contains.

<b>Hex(78A3CB)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Hex(78A3CB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	78A3CB
RGB	120, 163, 203
RGB Percent	47%, 64%, 80%
CMY	0.5294, 0.3608, 0.2039
CMYK	0.41, 0.20, 0.00, 0.20
HSL	209°, 44%, 63%
HSV	209°, 41%, 80%
XYZ	31.6224, 34.4993, 61.4923
YIQ	154.7030, -38.4680, 3.3240

# Conversions

## Conversions Part 2

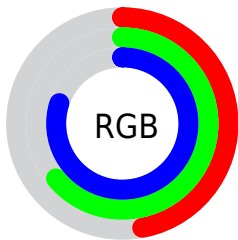
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	120, 148, 203
Decimal	7906251
CIE <sub>Lab</sub>	65.36, -4.21, -25.05
CIE <sub>LCh</sub>	65, 25.398, 260.448
Yxy	34.4993, 0.2478, 0.2703
Android (android.graphics.Color)	4286096331 (0xFF78A3CB)
YUV	154.7030, 23.8104, -30.4345
Hunter-Lab	58.7361, -6.6870, -20.9569

# Details

The Hex color **78A3CB** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **CBA078**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **AFDAFF**, and **426F95** is the 20% darker color. If you saturate the color by 10%, you get **6499CB**, and if you desaturate by 10%, it is **8CADCB**.

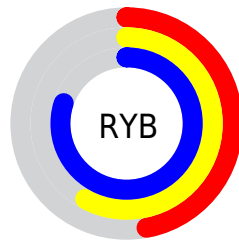
# Distribution



Red (47%)

Green (64%)

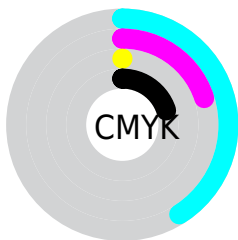
Blue (80%)



Red (47%)

Yellow (58%)

Blue (80%)

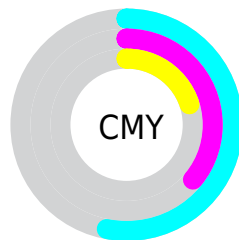


Cyan (41%)

Magenta (20%)

Yellow (0%)

Black (20%)



Cyan (53%)

Magenta (36%)

Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 78A3CB 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 78A3CB by changing the saturation by 10% instead.



 78A3CB

 78A3CB

FFFFFF

 5D89B0

 AFDAFF

 426F95

 CBF6FF

 26577B

 E8FFFF

 004062

 002A4A

 001633

 00021E

 000000

 78A3CB

 78A3CB

6499CB

8CADCB

4F8FCB

A1B7CB

3B86CB

B5C0CB

277CCB

C9CACB

1372CB

DED4CB

0069CB

F2DECB

FFE7CB

FFF1CB

FFFBCB

# Harmonies

## Analogous

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



5FA9C1



78A3CB



989BC9

# Triad

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



78A3CB



CD8F90



85A881

# Complementary

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



78A3CB



CBA078

# 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.



9FA274



78A3CB



C6937D

# Square

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



78A3CB



C78FA7



B69B72



6CAB96

# Rectangle

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



78A3CB



AC96C1



B69B72



8EA67C



# Sweetspot

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



78A3CB



E0F0FF



78CB9F



6E7780



000000



808080

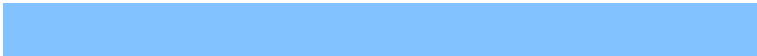


# Same Dimension

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



78A3CB



82C3FF



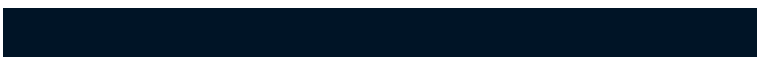
787BCB



5C6166



0056A6



001426



# Inverse Universe

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



CB78A3



FF82C3



CBC878



665C61



A60056



260014



# Previews

## White Background



This preview shows how the Hex color 78A3CB looks on a white background.

## Color Contrast Check

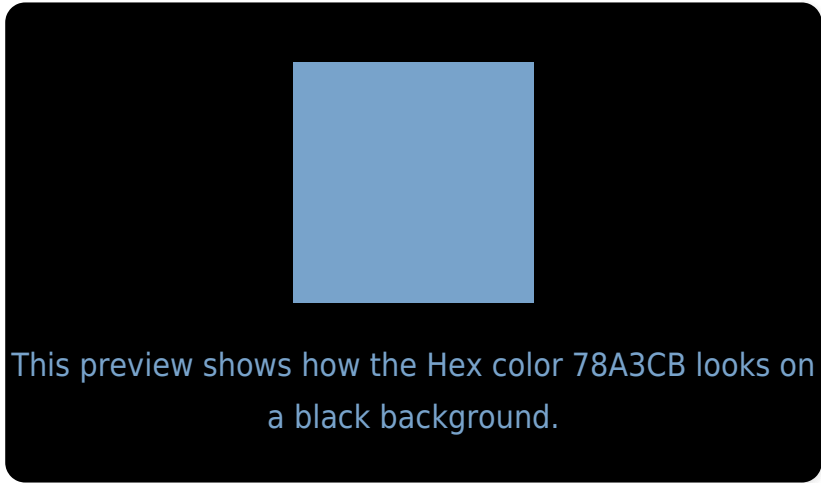
Large Text (above 18pt) WCAG AA × Fail

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

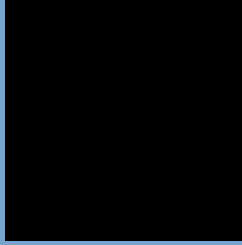
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

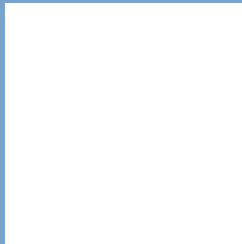
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 78A3CB Background



This preview shows how black text looks on a background with the Hex color 78A3CB.

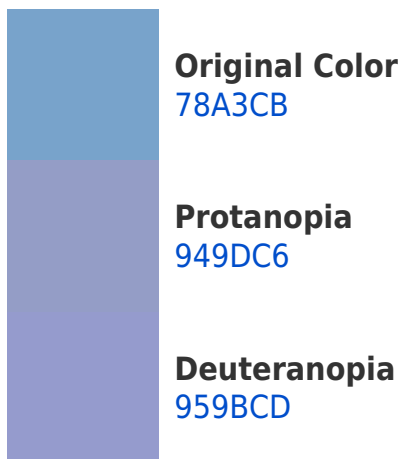


This preview shows how white text looks on a background with the Hex color 78A3CB.

# 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](#).

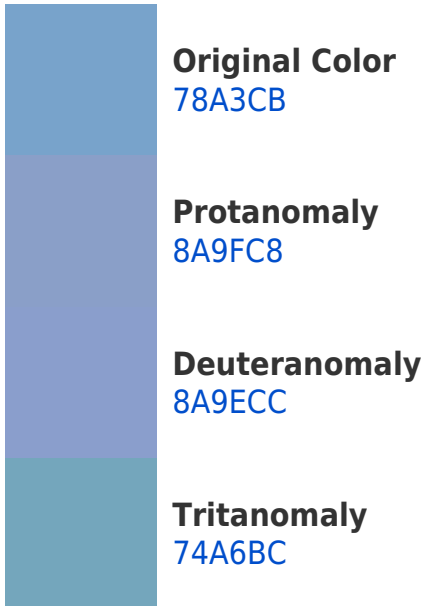
## Dichromacy



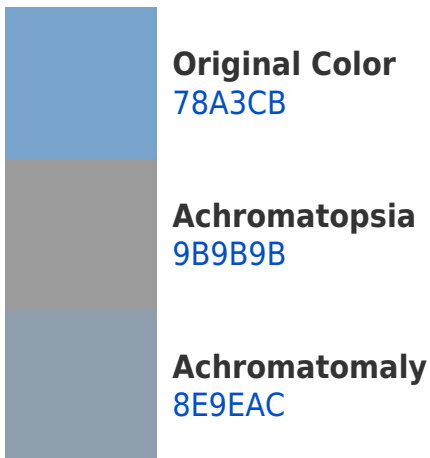


**Tritanopia**  
72A7B4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 78A3CB 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 #78A3CB looks like.

```
.text, #text, p{  
    color:#78A3CB  
}
```

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 #78A3CB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #78A3CB
}
```

## Border

The CSS property to change the border of an element to Hex 78A3CB 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
#78A3CB }
```

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

```
.border{ border-color:#78A3CB }
```

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

Here you see how a box with a 4 pixel #78A3CB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #78A3CB; -webkit-box-shadow:4px 4px  
4px 4px #78A3CB; box-shadow:4px 4px 4px  
4px #78A3CB }
```

# Background

The CSS property to change the background color of an element to Hex 78A3CB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#78A3CB }
```

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

```
.background{ background-color:#78A3CB }
```

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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