

# Converting Colors

Hex(78A0C5)

Have a look what the booklet for  
Hex(78A0C5) contains.

<b>Hex(78A0C5)</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(78A0C5)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	78A0C5
RGB	120, 160, 197
RGB Percent	47%, 63%, 77%
CMY	0.5294, 0.3725, 0.2275
CMYK	0.39, 0.19, 0.00, 0.23
HSL	209°, 40%, 62%
HSV	209°, 39%, 77%
XYZ	30.3946, 33.1659, 57.6230
YIQ	152.2580, -35.7170, 3.0270

# Conversions

## Conversions Part 2

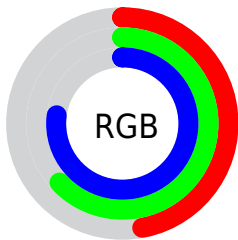
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">120, 146, 197</a>
Decimal	<a href="#">7905477</a>
CIELab	<a href="#">64.30, -4.18, -23.33</a>
CIELCh	<a href="#">64, 23.706, 259.842</a>
Yxy	<a href="#">33.1659, 0.2508, 0.2737</a>
Android (android.graphics.Color)	<a href="#">4286095557 (0xFF78A0C5)</a>
YUV	<a href="#">152.2580, 22.0578, -28.2903</a>
Hunter-Lab	<a href="#">57.5898, -6.5741, -19.0113</a>

# Details

The Hex color **78A0C5** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **C59D78**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **AFD7FE**, and **436D8F** is the 20% darker color. If you saturate the color by 10%, you get **6497C5**, and if you desaturate by 10%, it is **8CA9C5**.

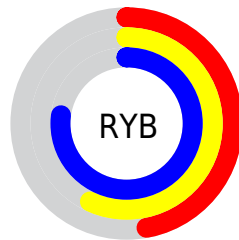
# Distribution



Red (47%)

Green (63%)

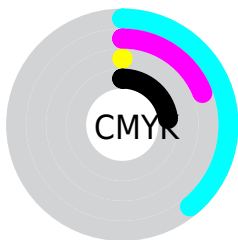
Blue (77%)



Red (47%)

Yellow (57%)

Blue (77%)

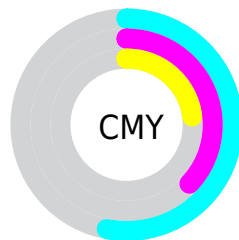


Cyan (39%)

Magenta (19%)

Yellow (0%)

Black (23%)



Cyan (53%)

Magenta (37%)

Yellow (23%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 78A0C5 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 78A0C5 by changing the saturation by 10% instead.



 78A0C5

 78A0C5

FFFFFF

 5D86AA

 AFD7FE

 436D8F

 CBF3FF

 285475

 E8FFFF

 043D5D

 002845

 00132E

 000119

 000000

 78A0C5

 78A0C5

■ 6497C5

■ 8CA9C5

■ 518DC5

■ 9FB3C5

■ 3D84C5

■ B3BCC5

■ 297AC5

■ C7C6C5

■ 1671C5

■ DBCFC5

■ 0267C5

■ EED9C5

■ 0066C5

■ FFE2C5

■ FFECC5

■ FFF5C5

# Harmonies

## Analogous

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



62A5BB



78A0C5



9699C3

# Triad

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



78A0C5



C78D8E



85A480

# Complementary

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



78A0C5



C59D78

# 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.



9D9F74



78A0C5



C1917C

# Square

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



78A0C5



C18DA4



B29873



6EA794

# Rectangle

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



78A0C5



A894BC



B29873



8DA37B



# Sweetspot

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



78A0C5



E0F0FF



78C59C



6E7780



000000



808080

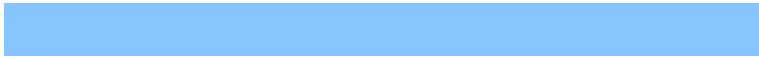


# Same Dimension

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



78A0C5



87C5FF



787BC5



5A5F63



0055A3



001324



# Inverse Universe

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



C578A0



FF87C5



C5C278



635A5F



A30055

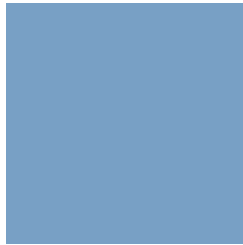


240013



# Previews

## White Background



This preview shows how the Hex color 78A0C5 looks on a white background.

## Color Contrast Check

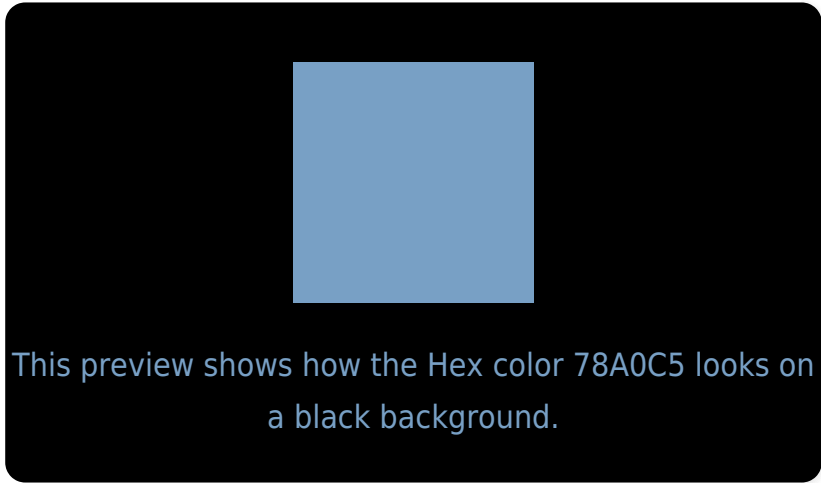
Large Text (above 18pt) WCAG AA × Fail

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

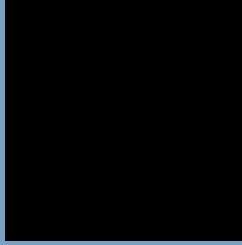
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

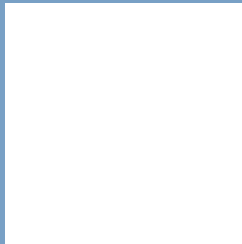
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 78A0C5 Background



This preview shows how black text looks on a background with the Hex color 78A0C5.

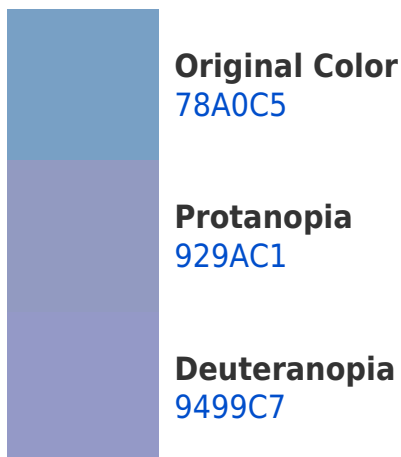


This preview shows how white text looks on a background with the Hex color 78A0C5.

# 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](#).

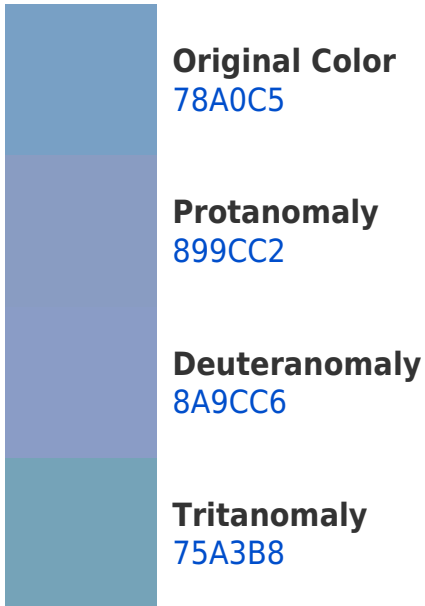
## Dichromacy



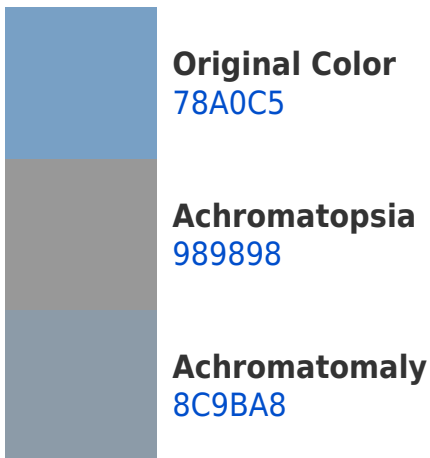


**Tritanopia**  
73A4B1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 78A0C5 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 #78A0C5 looks like.

```
.text, #text, p{  
    color:#78A0C5  
}
```

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 #78A0C5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #78A0C5
}
```

## Border

The CSS property to change the border of an element to Hex 78A0C5 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
#78A0C5 }
```

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

```
.border{ border-color:#78A0C5 }
```

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

Here you see how a box with a 4 pixel #78A0C5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #78A0C5; -webkit-box-shadow:4px 4px  
4px 4px #78A0C5; box-shadow:4px 4px 4px  
4px #78A0C5 }
```

# Background

The CSS property to change the background color of an element to Hex 78A0C5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#78A0C5 }
```

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

```
.background{ background-color:#78A0C5 }
```

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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