

# Converting Colors

Hex(78A9C0)

Have a look what the booklet for  
Hex(78A9C0) contains.

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# **Color**

**Hex(78A9C0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	78A9C0
RGB	120, 169, 192
RGB Percent	47%, 66%, 75%
CMY	0.5294, 0.3373, 0.2471
CMYK	0.38, 0.12, 0.00, 0.25
HSL	199°, 36%, 61%
HSV	199°, 38%, 75%
XYZ	31.4481, 36.1748, 55.1941
YIQ	156.9710, -36.5870, -3.2350

# Conversions

## Conversions Part 2

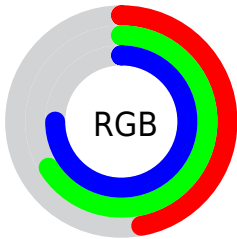
Format	Color
R <sub>YB</sub>	120, 149, 192
Decimal	7907776
CIE <sub>Lab</sub>	66.65, -10.44, -16.96
CIE <sub>LCh</sub>	67, 19.918, 238.390
Y <sub>xy</sub>	36.1748, 0.2561, 0.2945
Android (android.graphics.Color)	4286097856 (0xFF78A9C0)
YUV	156.9710, 17.2693, -32.4236
Hunter-Lab	60.1455, -11.9227, -12.3072

# Details

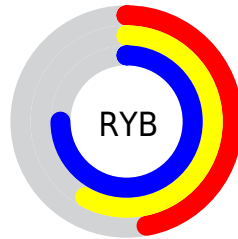
The Hex color **78A9C0** is a light color, and the websafe version is hex **669999**. A complement of this color would be **C08F78**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **AFE0F8**, and **43758A** is the 20% darker color. If you saturate the color by 10%, you get **65A3C0**, and if you desaturate by 10%, it is **8BAFC0**.

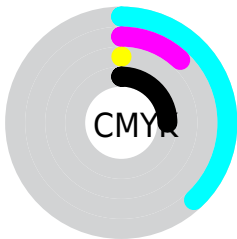
# Distribution



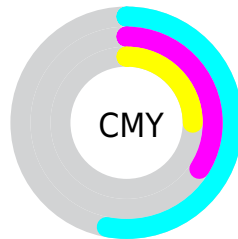
- Red (47%)
- Green (66%)
- Blue (75%)



- Red (47%)
- Yellow (58%)
- Blue (75%)



- Cyan (38%)
- Magenta (12%)
- Yellow (0%)
- Black (25%)



- Cyan (53%)
- Magenta (34%)
- Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 78A9C0 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 78A9C0 by changing the saturation by 10% instead.



 78A9C0

 78A9C0

FFFFFF

 5D8FA5

 AFE0F8

 43758A

 CBFDFE

 285C71

 E8FFFF

 064558

 002E41

 001A2B

 000116

 000000

 78A9C0

 78A9C0

65A3C0

8BAFC0

529DC0

9EB5C0

3E97C0

B2BBC0

2B90C0

C5C2C0

188AC0

D8C8C0

0584C0

EBCEC0

0083C0

FED4C0

FFDAC0

FFE0C0

# Harmonies

## Analogous

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



70ACB2



78A9C0



8CA4C6

# Triad

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



78A9C0



C596A4



9DA682

# Complementary

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



78A9C0



C08F78

# 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.



B1A17F



78A9C0



C79692

# Square

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



78A9C0



B898B5



C09B84



89AA8F

# Rectangle

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



78A9C0



9CA0C4



C09B84



A4A480

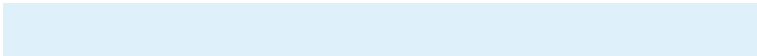


# Sweetspot

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



78A9C0



DEF1FA



78C08F



6D787D



FCFCFC



7D7D7D



# Same Dimension

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



78A9C0



89D6FA



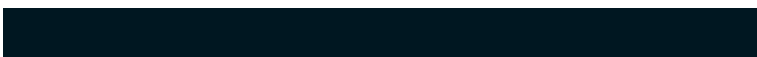
7885C0



575E61



006DA1



001721



# Inverse Universe

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



C078A9



FA89D6



C0B378



61575E



A1006D



210017



# Previews

## White Background



This preview shows how the Hex color 78A9C0 looks on a white background.

## Color Contrast Check

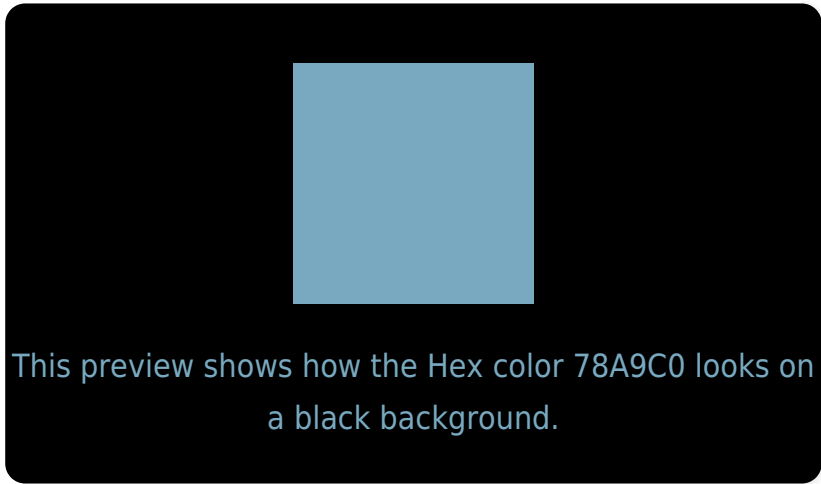
Large Text (above 18pt) WCAG AA × Fail

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 78A9C0 Background



This preview shows how black text looks on a background with the Hex color 78A9C0.



This preview shows how white text looks on a background with the Hex color 78A9C0.

# 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](#).

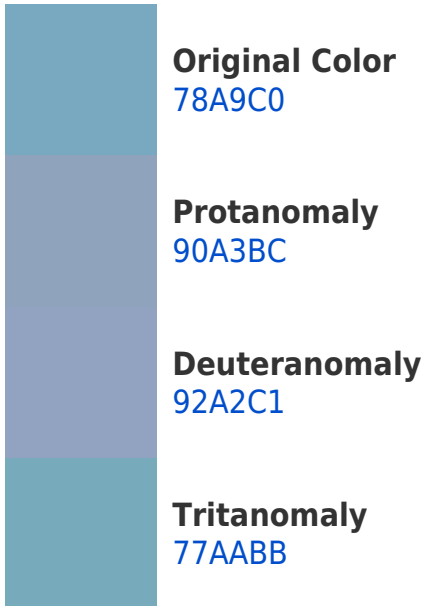
## Dichromacy



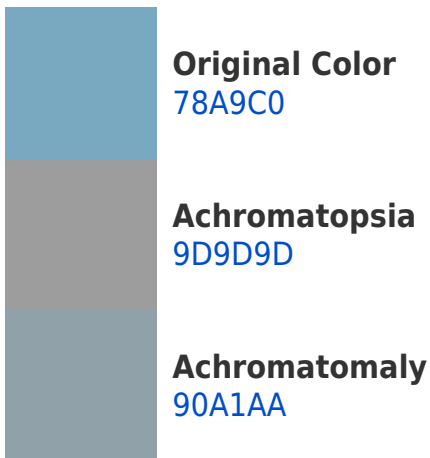


**Tritanopia**  
76AAB8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 78A9C0 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 #78A9C0 looks like.

```
.text, #text, p{  
    color:#78A9C0  
}
```

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 #78A9C0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #78A9C0
}
```

## Border

The CSS property to change the border of an element to Hex 78A9C0 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
#78A9C0 }
```

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

```
.border{ border-color:#78A9C0 }
```

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

Here you see how a box with a 4 pixel #78A9C0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #78A9C0; -webkit-box-shadow:4px 4px  
4px 4px #78A9C0; box-shadow:4px 4px 4px  
4px #78A9C0 }
```

# Background

The CSS property to change the background color of an element to Hex 78A9C0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#78A9C0 }
```

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

```
.background{ background-color:#78A9C0 }
```

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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