

Converting Colors

Hex(78A2B0)

Have a look what the booklet for
Hex(78A2B0) contains.

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Color

Hex(78A2B0)

Conversions

Conversions Part 1

Format	Color
Hex	78A2B0
RGB	120, 162, 176
RGB Percent	47%, 64%, 69%
CMY	0.5294, 0.3647, 0.3098
CMYK	0.32, 0.08, 0.00, 0.31
HSL	195°, 26%, 58%
HSV	195°, 32%, 69%
XYZ	28.5025, 32.9683, 45.9356
YIQ	151.0380, -29.5260, -4.5500

Conversions

Conversions Part 2

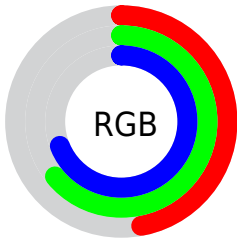
Format	Color
R _Y B	120, 144, 176
Decimal	7905968
CIE Lab	64.14, -10.74, -11.84
CIE LCh	64, 15.982, 227.782
Yxy	32.9683, 0.2654, 0.3069
Android (android.graphics.Color)	4286096048 (0xFF78A2B0)
YUV	151.0380, 12.3063, -27.2203
Hunter-Lab	57.4180, -11.8735, -7.2405

Details

The Hex color **78A2B0** is a light color, and the websafe version is hex **669999**. A complement of this color would be **B08678**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **AED9E8**, and **456E7C** is the 20% darker color. If you saturate the color by 10%, you get **669EB0**, and if you desaturate by 10%, it is **8AA6B0**.

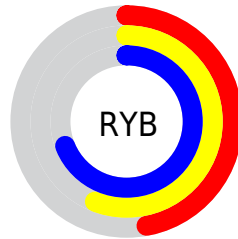
Distribution



Red (47%)

Green (64%)

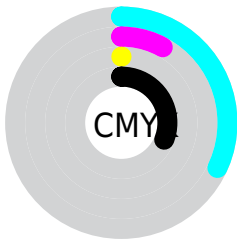
Blue (69%)



Red (47%)

Yellow (56%)

Blue (69%)

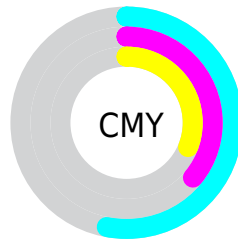


Cyan (32%)

Magenta (8%)

Yellow (0%)

Black (31%)



Cyan (53%)

Magenta (36%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 78A2B0 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 78A2B0 by changing the saturation by 10% instead.

 78A2B0

 78A2B0

FFFFFF

 5E8895

 AED9E8

 456E7C

 CAF5FF

 2C5663

 E6FFFF

 113F4B

 002934

 00151F

 000004

 000000

 78A2B0

 78A2B0

669EB0

8AA6B0

5599B0

9BABB0

4395B0

ADAFB0

3290B0

BEB4B0

208CB0

D0B8B0

0E88B0

E2BCB0

0084B0

F3C1B0

FFC5B0

FFCAB0

Harmonies

Analogous

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



76A4A4



78A2B0



849EB7

Triad

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



78A2B0



B592A2



9E9D80

Complementary

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



78A2B0



B08678

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.



AC9880



78A2B0



BA9293

Square

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



78A2B0



A895AF



B69487



8DA188

Rectangle

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



78A2B0



909BB7



B69487



A39C7F

Sweetspot

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



78A2B0



CFE0E6



78B086



656F73



F2F2F2



737373

Same Dimension

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



78A2B0



8ED0E6



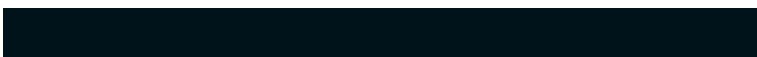
7886B0



505759



007399



00131A

Inverse Universe

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



B078A2



E68ED0



B0A278



595057



990073



1A0013

Previews

White Background



This preview shows how the Hex color 78A2B0 looks on a white background.

Color Contrast Check

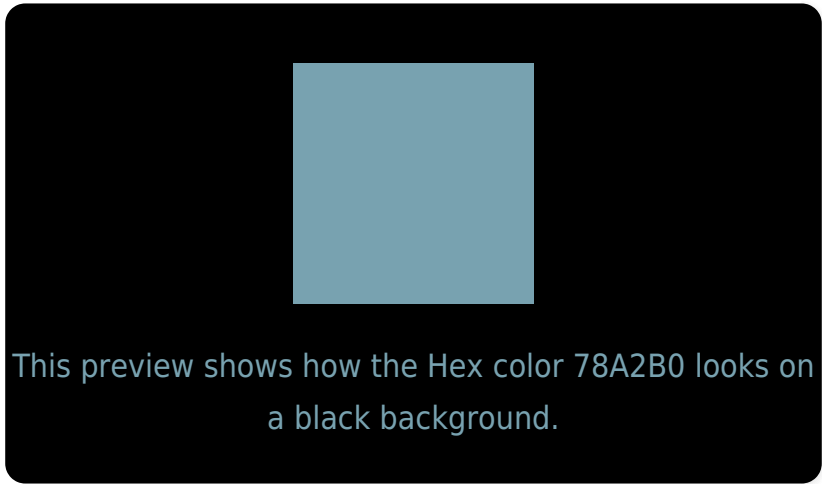
Large Text (above 18pt) WCAG AA × Fail

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

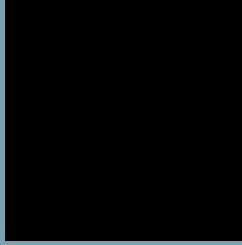
Any Text WCAG AA ✓ Pass

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 78A2B0 Background



This preview shows how black text looks on a background with the Hex color 78A2B0.

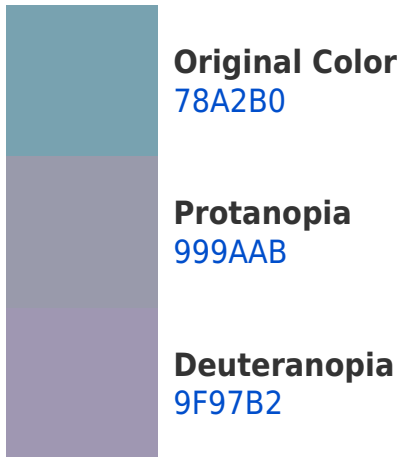


This preview shows how white text looks on a background with the Hex color 78A2B0.

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](#).

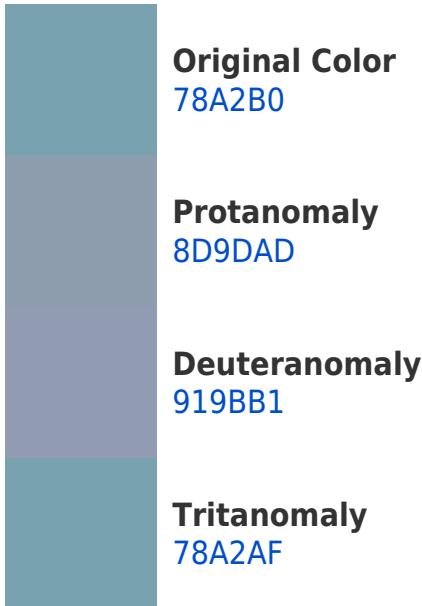
Dichromacy



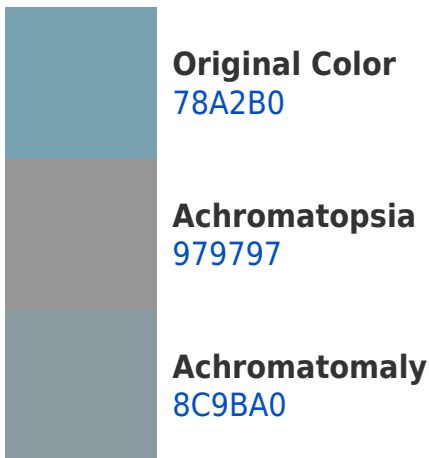


Tritanopia
78A2AF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 78A2B0 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 #78A2B0 looks like.

```
.text, #text, p{  
    color:#78A2B0  
}
```

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 #78A2B0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #78A2B0  
}
```

Border

The CSS property to change the border of an element to Hex 78A2B0 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  
#78A2B0 }
```

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

```
.border{ border-color:#78A2B0 }
```

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

Here you see how a box with a 4 pixel #78A2B0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #78A2B0; -webkit-box-shadow:4px 4px  
4px 4px #78A2B0; box-shadow:4px 4px 4px  
4px #78A2B0 }
```

Background

The CSS property to change the background color of an element to Hex 78A2B0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#78A2B0 }
```

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

```
.background{ background-color:#78A2B0 }
```

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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