

Converting Colors

Hex(78B2BC)

Have a look what the booklet for
Hex(78B2BC) contains.

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Color

Hex(78B2BC)

Conversions

Conversions Part 1

Format	Color
Hex	78B2BC
RGB	120, 178, 188
RGB Percent	47%, 70%, 74%
CMY	0.5294, 0.3020, 0.2627
CMYK	0.36, 0.05, 0.00, 0.26
HSL	189°, 34%, 60%
HSV	189°, 36%, 74%
XYZ	32.7432, 39.4647, 53.4687
YIQ	161.7980, -37.7780, -9.1860

Conversions

Conversions Part 2

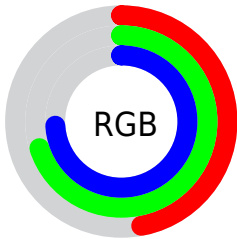
Format	Color
RYB	120, 151, 188
Decimal	7910076
CIELab	69.09, -16.24, -11.09
CIELCh	69, 19.668, 214.316
Yxy	39.4647, 0.2605, 0.3140
Android (android.graphics.Color)	4286100156 (0xFF78B2BC)
YUV	161.7980, 12.9176, -36.6568
Hunter-Lab	62.8209, -16.8997, -6.4887

Details

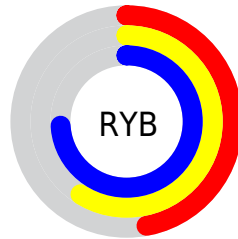
The Hex color **78B2BC** is a light color, and the websafe version is hex **669999**. A complement of this color would be **BC8278**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **AFEAF4**, and **437D87** is the 20% darker color. If you saturate the color by 10%, you get **65AFBC**, and if you desaturate by 10%, it is **8BB5BC**.

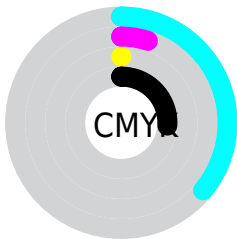
Distribution



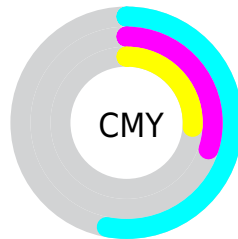
- Red (47%)
- Green (70%)
- Blue (74%)



- Red (47%)
- Yellow (59%)
- Blue (74%)



- Cyan (36%)
- Magenta (5%)
- Yellow (0%)
- Black (26%)



- Cyan (53%)
- Magenta (30%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Hex color 78B2BC 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 78B2BC by changing the saturation by 10% instead.

 78B2BC

 78B2BC

FFFFFF

 5D97A1

 AFEAF4

 437D87

 CBFFFF

 28646D

 E8FFFF

 054C55

 00353E

 002028

 000114

 000000

 78B2BC

 78B2BC

65AFBC

8BB5BC

52ACBC

9EB8BC

40AABC

B0BABC

2DA7BC

C3BDBC

1AA4BC

D6C0BC

07A1BC

E9C3BC

00A0BC

FCC5BC

FFC8BC

FFCBBC

Harmonies

Analogous

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



7DB3AB



78B2BC



82AFC8

Triad

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



78B2BC



C29EB8



B4A885

Complementary

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



78B2BC



BC8278

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.



C4A289



78B2BC



CC9CA7

Square

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



78B2BC



AFA3C6



CD9E95



A0AE8B

Rectangle

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



78B2BC



90ABCC



CD9E95



BAA685

Sweetspot

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



78B2BC



DAF1F5



78BC81



6A787A



FAFAFA



7A7A7A

Same Dimension

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



78B2BC



8CE5F5



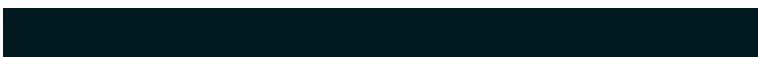
7891BC



555D5E



00879E



001A1F

Inverse Universe

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



BC78B2



F58CE5



BCA378



5E555D



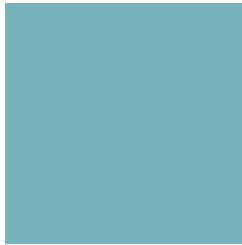
9E0087



1F001A

Previews

White Background



This preview shows how the Hex color 78B2BC looks on a white background.

Color Contrast Check

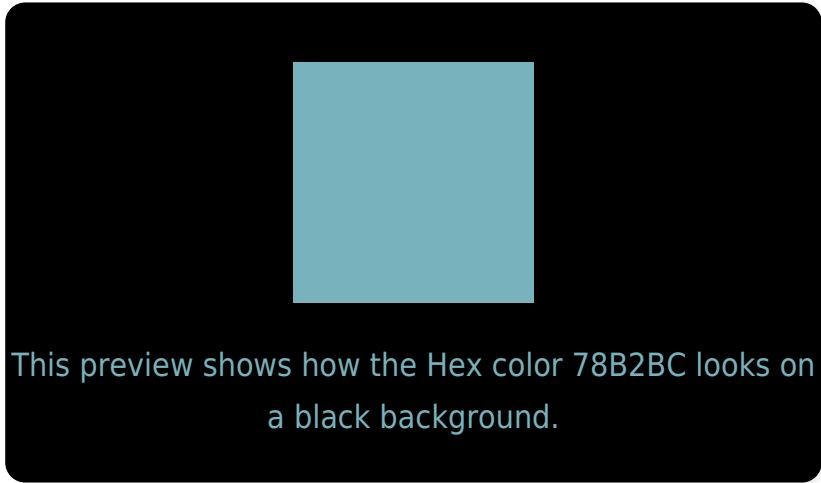
Large Text (above 18pt) WCAG AA × Fail

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

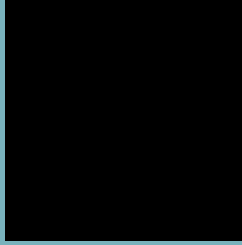
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

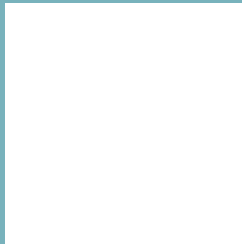
Any Text WCAG AAA ✓ Pass

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

Hex 78B2BC Background



This preview shows how black text looks on a background with the Hex color 78B2BC.

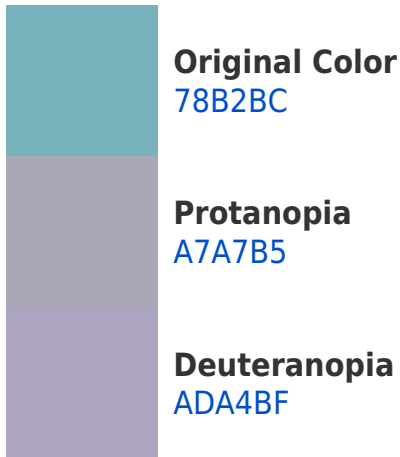


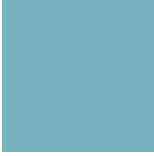
This preview shows how white text looks on a background with the Hex color 78B2BC.

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](#).

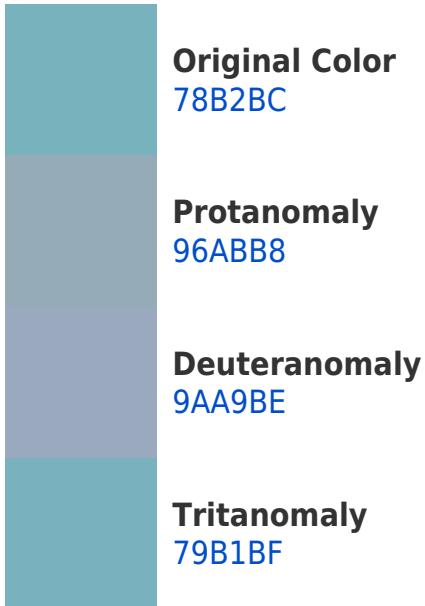
Dichromacy



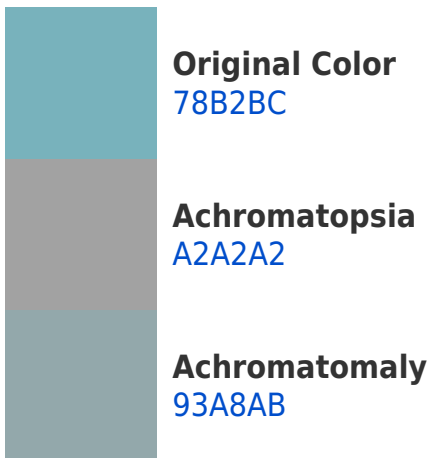


Tritanopia
79B1C0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 78B2BC 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 #78B2BC looks like.

```
.text, #text, p{  
    color:#78B2BC  
}
```

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 #78B2BC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #78B2BC  
}
```

Border

The CSS property to change the border of an element to Hex 78B2BC 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  
#78B2BC }
```

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

```
.border{ border-color:#78B2BC }
```

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

Here you see how a box with a 4 pixel #78B2BC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #78B2BC; -webkit-box-shadow:4px 4px  
4px 4px #78B2BC; box-shadow:4px 4px 4px  
4px #78B2BC }
```

Background

The CSS property to change the background color of an element to Hex 78B2BC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#78B2BC }
```

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

```
.background{ background-color:#78B2BC }
```

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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