

Converting Colors

Hex(78B4B0)

Have a look what the booklet for
Hex(78B4B0) contains.

Hex(78B4B0)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(78B4B0)

Conversions

Conversions Part 1

Format	Color
Hex	78B4B0
RGB	120, 180, 176
RGB Percent	47%, 71%, 69%
CMY	0.5294, 0.2941, 0.3098
CMYK	0.33, 0.00, 0.02, 0.29
HSL	176°, 29%, 59%
HSV	176°, 33%, 71%
XYZ	31.9035, 39.7702, 47.0692
YIQ	161.6040, -34.4760, -13.9640

Conversions

Conversions Part 2

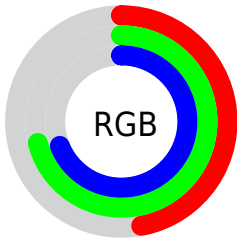
Format	Color
RYB	120, 151, 180
Decimal	7910576
CIELab	69.31, -20.21, -4.15
CIELCh	69, 20.632, 191.593
Yxy	39.7702, 0.2687, 0.3349
Android (android.graphics.Color)	4286100656 (0xFF78B4B0)
YUV	161.6040, 7.0972, -36.4867
Hunter-Lab	63.0636, -20.0593, -0.1082

Details

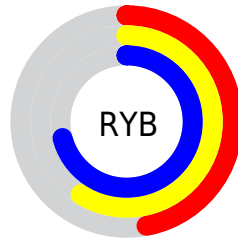
The Hex color **78B4B0** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **B4787C**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **AEECE8**, and **447F7C** is the 20% darker color. If you saturate the color by 10%, you get **66B4AF**, and if you desaturate by 10%, it is **8AB4B1**.

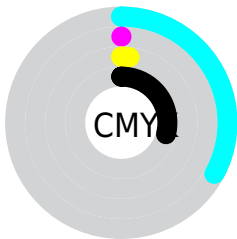
Distribution



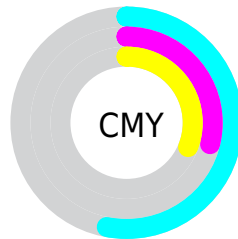
- Red (47%)
- Green (71%)
- Blue (69%)



- Red (47%)
- Yellow (59%)
- Blue (71%)



- Cyan (33%)
- Magenta (0%)
- Yellow (2%)
- Black (29%)



- Cyan (53%)
- Magenta (29%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 78B4B0 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 78B4B0 by changing the saturation by 10% instead.



78B4B0



78B4B0

FFFFFF



5E9995



AEECE8



447F7C



CAFFFF



296663



E7FFFF



094E4B



003634



00211F



000007



000000



78B4B0



78B4B0

66B4AF

8AB4B1

54B4AE

9CB4B2

42B4AC

AEB4B4

30B4AB

C0B4B5

1EB4AA

D2B4B6

0CB4A9

E4B4B7

00B4A8

F6B4B8

FFB4BA

FFB4BB

Harmonies

Analogous

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



86B39D



78B4B0



77B2C1

Triad

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



78B4B0



B5A2C5



C2A486

Complementary

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



78B4B0



B4787C

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.



CD9F91



78B4B0



C79DB5

Square

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



78B4B0



9DA8CE



D09CA2



B0AA85

Rectangle

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



78B4B0



7FB0C9



D09CA2



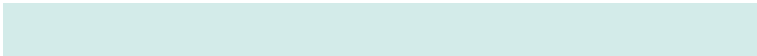
C7A289

Sweetspot

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



78B4B0



D3EBE9



7CB478



677574



F5F5F5



757575

Same Dimension

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



78B4B0



8DEBE4



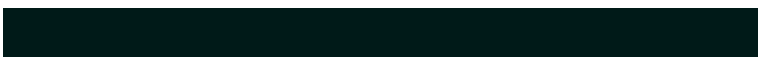
789AB4



505959



00998F



001A18

Inverse Universe

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



B4787C



EB8D93



B49278



595051



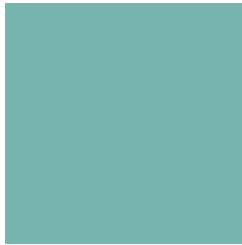
99000A



1A0002

Previews

White Background



This preview shows how the Hex color 78B4B0 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



This preview shows how the Hex color 78B4B0 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

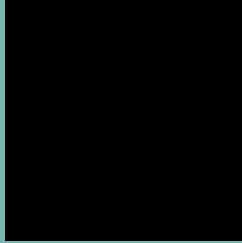
Any Text WCAG AA ✓ Pass

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 78B4B0 Background



This preview shows how black text looks on a background with the Hex color 78B4B0.

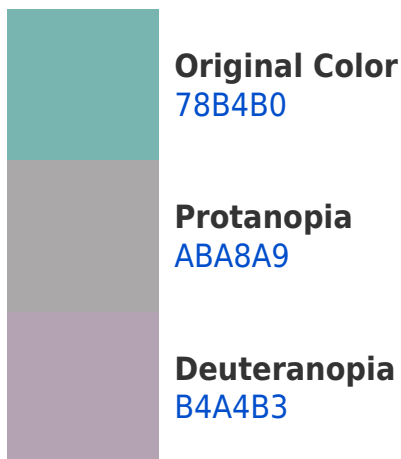


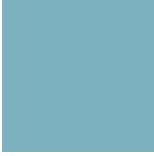
This preview shows how white text looks on a background with the Hex color 78B4B0.

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](#).

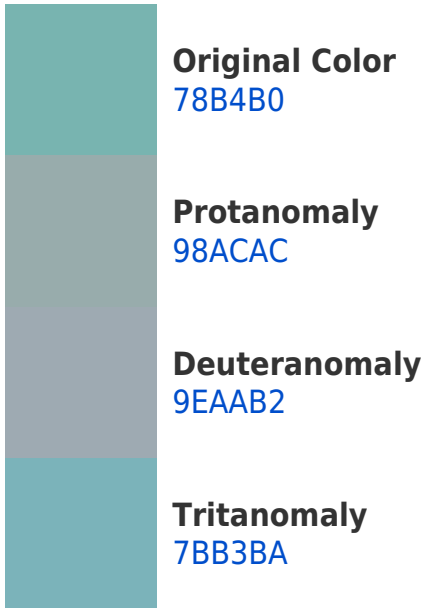
Dichromacy



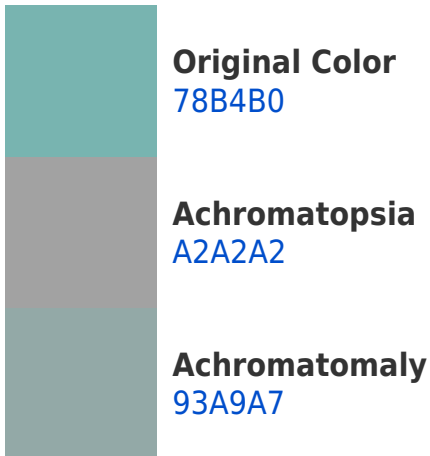


Tritanopia
7CB2C0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 78B4B0 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 #78B4B0 looks like.

```
.text, #text, p{  
    color:#78B4B0  
}
```

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 #78B4B0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #78B4B0
}
```

Border

The CSS property to change the border of an element to Hex 78B4B0 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
#78B4B0 }
```

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

```
.border{ border-color:#78B4B0 }
```

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

Here you see how a box with a 4 pixel #78B4B0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #78B4B0; -webkit-box-shadow:4px 4px  
4px 4px #78B4B0; box-shadow:4px 4px 4px  
4px #78B4B0 }
```

Background

The CSS property to change the background color of an element to Hex 78B4B0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#78B4B0 }
```

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

```
.background{ background-color:#78B4B0 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor