

Converting Colors

Hex(78B7AC)

Have a look what the booklet for
Hex(78B7AC) contains.

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Color

Hex(78B7AC)

Conversions

Conversions Part 1

Format	Color
Hex	78B7AC
RGB	120, 183, 172
RGB Percent	47%, 72%, 67%
CMY	0.5294, 0.2824, 0.3255
CMYK	0.34, 0.00, 0.06, 0.28
HSL	170°, 30%, 59%
HSV	170°, 34%, 72%
XYZ	32.1256, 40.8386, 45.2192
YIQ	162.9090, -34.0170, -16.7770

Conversions

Conversions Part 2

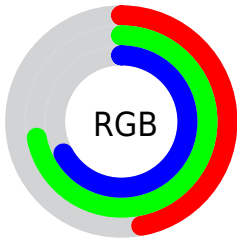
Format	Color
RYB	120, 155, 183
Decimal	7911340
CIELab	70.06, -22.67, -0.83
CIElCh	70, 22.685, 182.104
Yxy	40.8386, 0.2718, 0.3456
Android (android.graphics.Color)	4286101420 (0xFF78B7AC)
YUV	162.9090, 4.4819, -37.6312
Hunter-Lab	63.9051, -22.1005, 2.7800

Details

The Hex color **78B7AC** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **B77883**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **AEEFE3**, and **448278** is the 20% darker color. If you saturate the color by 10%, you get **66B7A9**, and if you desaturate by 10%, it is **8AB7AF**.

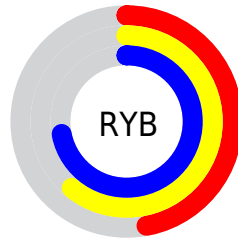
Distribution



Red (47%)

Green (72%)

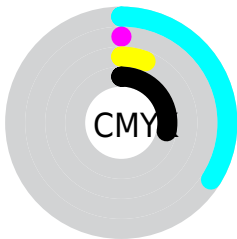
Blue (67%)



Red (47%)

Yellow (61%)

Blue (72%)

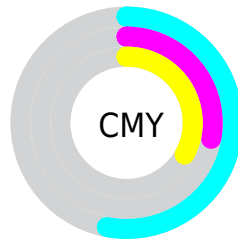


Cyan (34%)

Magenta (0%)

Yellow (6%)

Black (28%)



Cyan (53%)

Magenta (28%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 78B7AC 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 78B7AC by changing the saturation by 10% instead.

 78B7AC

 78B7AC

FFFFFF

 5E9C91

 AEEFE3

 448278

 CBFFFF

 29685F

 E7FFFF

 095047

 003931

 00231C

 000102

 000000

 78B7AC

 78B7AC

66B7A9

8AB7AF

53B7A6

9DB7B2

41B7A2

AFB7B6

2FB79F

C1B7B9

1DB79C

D4B7BC

0AB799

E6B7BF

00B797

F8B7C2

FFB7C6

FFB7C9

Harmonies

Analogous

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



8BB597



78B7AC



71B6C0

Triad

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



78B7AC



B1A5CE



CBA388

Complementary

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



78B7AC



B77883

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.



D59E96



78B7AC



C79FBF

Square

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



78B7AC



95ADD4



D49DAB



B9AA82

Rectangle

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



78B7AC



76B4CB



D49DAB



CFA18C

Sweetspot

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



78B7AC



D5EDE9



84B778



697875



F7F7F7



787878

Same Dimension

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



78B7AC



8CEDDC



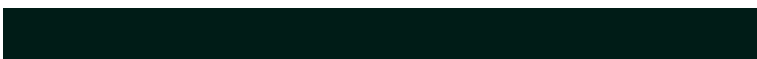
78A3B7



535C5A



009C80



001C17

Inverse Universe

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



B77883



ED8C9D



B78C78



5C5354



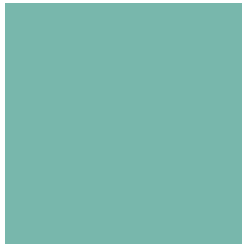
9C001B



1C0005

Previews

White Background



This preview shows how the Hex color 78B7AC looks on a white background.

Color Contrast Check

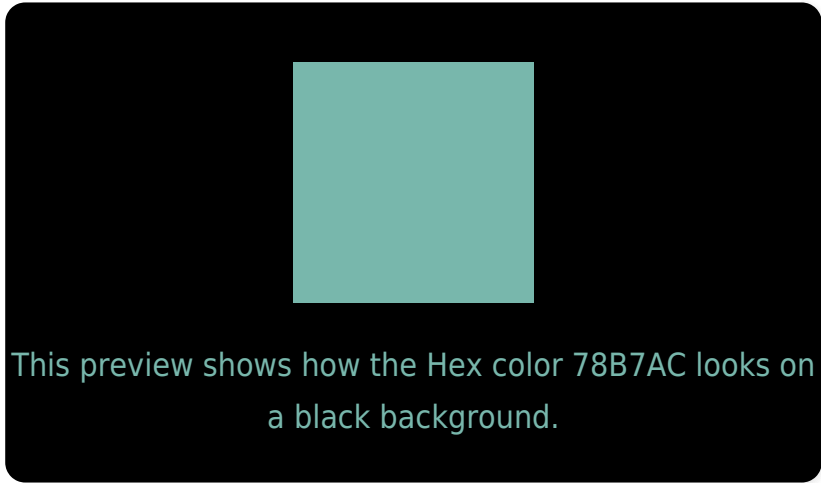
Large Text (above 18pt) WCAG AA × Fail

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

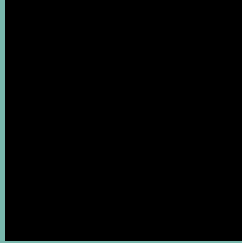
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

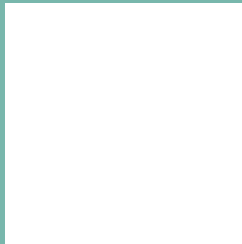
Any Text WCAG AAA ✓ Pass

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

Hex 78B7AC Background



This preview shows how black text looks on a background with the Hex color 78B7AC.

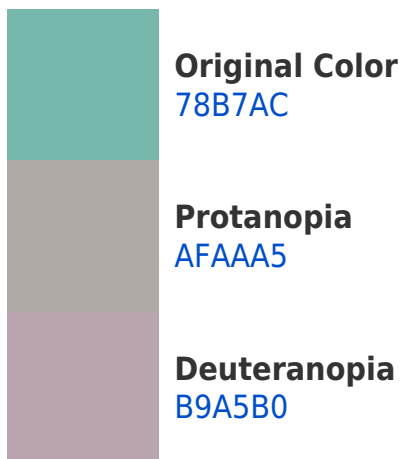


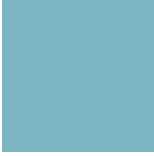
This preview shows how white text looks on a background with the Hex color 78B7AC.

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](#).

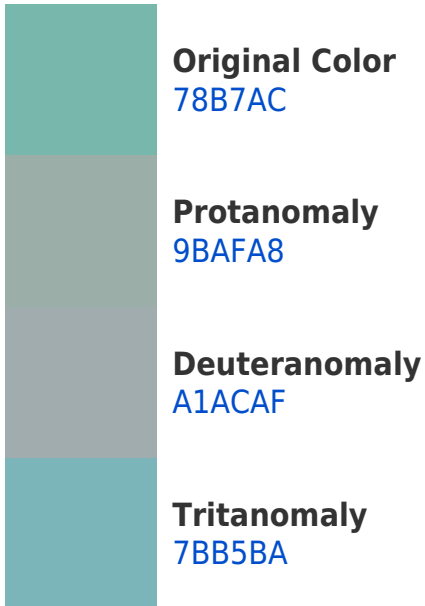
Dichromacy



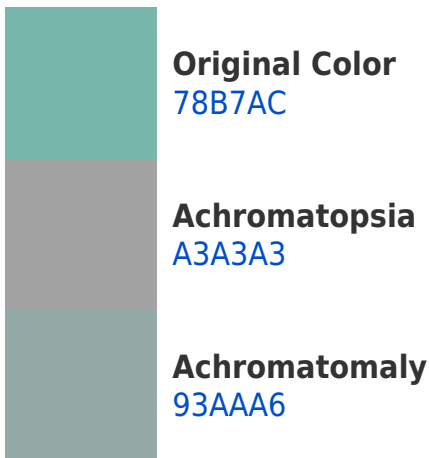


Tritanopia
7DB4C2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 78B7AC 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 #78B7AC looks like.

```
.text, #text, p{  
    color:#78B7AC  
}
```

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 #78B7AC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #78B7AC
}
```

Border

The CSS property to change the border of an element to Hex 78B7AC 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
#78B7AC }
```

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

```
.border{ border-color:#78B7AC }
```

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

Here you see how a box with a 4 pixel #78B7AC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #78B7AC; -webkit-box-shadow:4px 4px  
4px 4px #78B7AC; box-shadow:4px 4px 4px  
4px #78B7AC }
```

Background

The CSS property to change the background color of an element to Hex 78B7AC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#78B7AC }
```

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

```
.background{ background-color:#78B7AC }
```

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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