

Converting Colors

Hex(78B3AF)

Have a look what the booklet for
Hex(78B3AF) contains.

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Color

Hex(78B3AF)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 78B3AF |
| RGB | 120, 179, 175 |
| RGB Percent | 47%, 70%, 69% |
| CMY | 0.5294, 0.2980, 0.3137 |
| CMYK | 0.33, 0.00, 0.02, 0.30 |
| HSL | 176°, 28%, 59% |
| HSV | 176°, 33%, 70% |
| XYZ | 31.6037, 39.3284, 46.4829 |
| YIQ | 160.9030, -33.8800, -13.7520 |

Conversions

Conversions Part 2

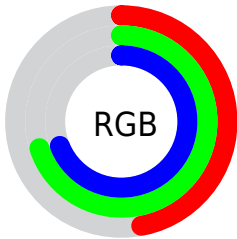
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 120, 151, 179 |
| Decimal | 7910319 |
| CIELab | 68.99, -19.94, -4.06 |
| CIElCh | 69, 20.346, 191.517 |
| Yxy | 39.3284, 0.2692, 0.3350 |
| Android (android.graphics.Color) | 4286100399 (0xFF78B3AF) |
| YUV | 160.9030, 6.9498, -35.8719 |
| Hunter-Lab | 62.7124, -19.7922, -0.0475 |

Details

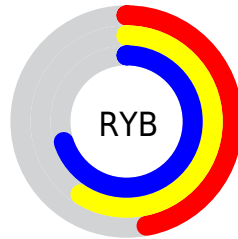
The Hex color **78B3AF** is a light color, and the websafe version is hex **669999**. A complement of this color would be **B3787C**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **AEEBE6**, and **447E7B** is the 20% darker color. If you saturate the color by 10%, you get **66B3AE**, and if you desaturate by 10%, it is **8AB3B0**.

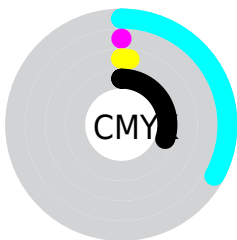
Distribution



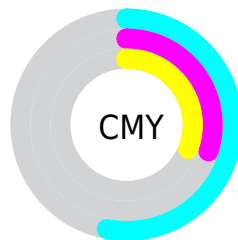
- Red (47%)
- Green (70%)
- Blue (69%)



- Red (47%)
- Yellow (59%)
- Blue (70%)



- Cyan (33%)
- Magenta (0%)
- Yellow (2%)
- Black (30%)



- Cyan (53%)
- Magenta (30%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 78B3AF 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 78B3AF by changing the saturation by 10% instead.



78B3AF



78B3AF

FFFFFF



5E9894



AEEBE6



447E7B



CAFFFF



2A6562



E7FFFF



0A4D4A



003634



00211E



000006



000000



78B3AF



78B3AF

66B3AE

8AB3B0

54B3AD

9CB3B1

42B3AB

AEB3B3

30B3AA

C0B3B4

1EB3A9

D1B3B5

0DB3A8

E3B3B6

00B3A7

F5B3B7

FFB3B9

FFB3BA

Harmonies

Analogous

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



86B29C



78B3AF



77B1C0

Triad

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



78B3AF



B4A1C4



C1A386

Complementary

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



78B3AF



B3787C

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.



CC9E91



78B3AF



C69DB4

Square

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



78B3AF



9CA8CC



CE9BA2



AFA984

Rectangle

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



78B3AF



7FAFC8



CE9BA2



C5A189

Sweetspot

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



78B3AF



D1E8E6



7DB378



677574



F5F5F5



757575

Same Dimension

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



78B3AF



8BE8E2



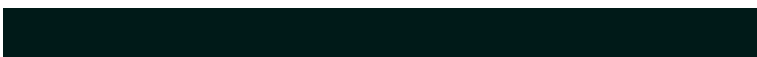
789AB3



505959



00998F



001A18

Inverse Universe

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



B3787C



E88B92



B39178



595051



99000A



1A0002

Previews

White Background



This preview shows how the Hex color 78B3AF looks on a white background.

Color Contrast Check

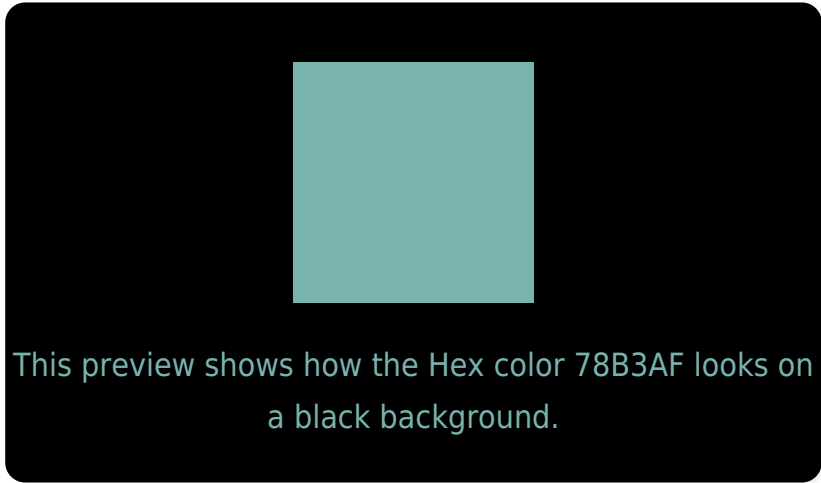
Large Text (above 18pt) WCAG AA × Fail

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

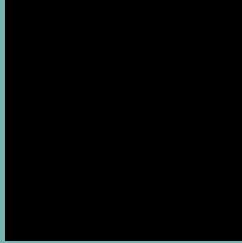
Any Text WCAG AA ✓ Pass

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 78B3AF Background



This preview shows how black text looks on a background with the Hex color 78B3AF.

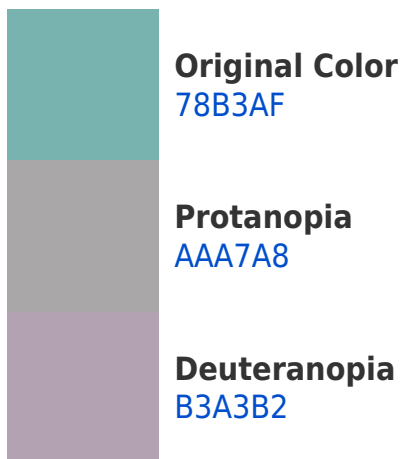


This preview shows how white text looks on a background with the Hex color 78B3AF.

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](#).

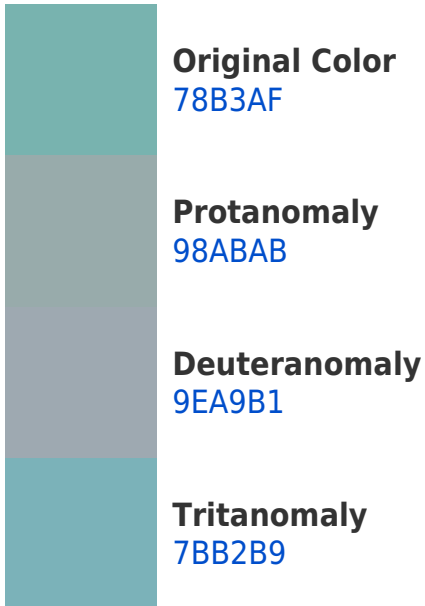
Dichromacy



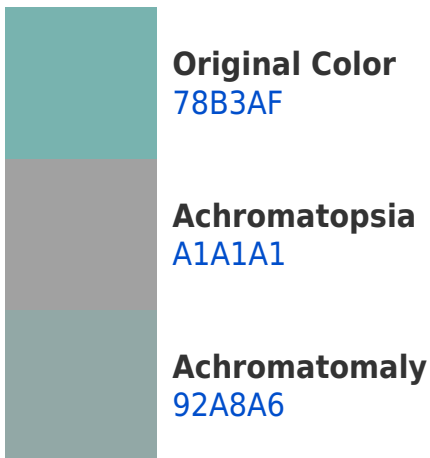


Tritanopia
7CB1BF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 78B3AF 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 #78B3AF looks like.

```
.text, #text, p{  
    color:#78B3AF  
}
```

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 #78B3AF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #78B3AF
}
```

Border

The CSS property to change the border of an element to Hex 78B3AF 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
#78B3AF }
```

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

```
.border{ border-color:#78B3AF }
```

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

Here you see how a box with a 4 pixel #78B3AF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #78B3AF; -webkit-box-shadow:4px 4px  
4px 4px #78B3AF; box-shadow:4px 4px 4px  
4px #78B3AF }
```

Background

The CSS property to change the background color of an element to Hex 78B3AF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#78B3AF }
```

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

```
.background{ background-color:#78B3AF }
```

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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