

Converting Colors

Hex(76B2AB)

Have a look what the booklet for
Hex(76B2AB) contains.

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Color

Hex(76B2AB)

Conversions

Conversions Part 1

Format	Color
Hex	76B2AB
RGB	118, 178, 171
RGB Percent	46%, 70%, 67%
CMY	0.5373, 0.3020, 0.3294
CMYK	0.34, 0.00, 0.04, 0.30
HSL	173°, 28%, 58%
HSV	173°, 34%, 70%
XYZ	30.7423, 38.6326, 44.3646
YIQ	159.2620, -33.5130, -14.8970

Conversions

Conversions Part 2

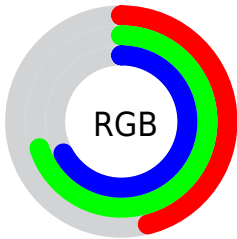
Format	Color
RYB	118, 150, 178
Decimal	7778987
CIELab	68.48, -20.94, -2.61
CIELCh	68, 21.101, 187.100
Yxy	38.6326, 0.2703, 0.3397
Android (android.graphics.Color)	4285969067 (0xFF76B2AB)
YUV	159.2620, 5.7868, -36.1868
Hunter-Lab	62.1551, -20.4844, 1.1890

Details

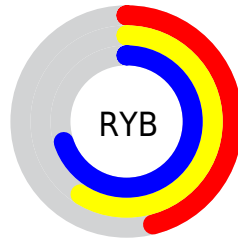
The Hex color **76B2AB** is a light color, and the websafe version is hex **669999**. A complement of this color would be **B2767D**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **ACEAE2**, and **427D77** is the 20% darker color. If you saturate the color by 10%, you get **64B2A9**, and if you desaturate by 10%, it is **88B2AD**.

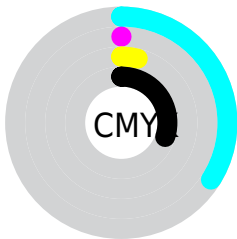
Distribution



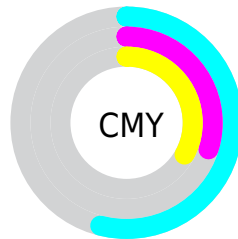
- Red (46%)
- Green (70%)
- Blue (67%)



- Red (46%)
- Yellow (59%)
- Blue (70%)



- Cyan (34%)
- Magenta (0%)
- Yellow (4%)
- Black (30%)



- Cyan (54%)
- Magenta (30%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 76B2AB 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 76B2AB by changing the saturation by 10% instead.

 76B2AB

 76B2AB

FFFFFF

 5C9791

 ACEAE2

 427D77

 C8FFFF

 28645E

 E5FFFF

 074C47

 003530

 00201B

 000000

 76B2AB

 76B2AB

 64B2A9

 88B2AD

 52B2A7

 9AB2AF

 41B2A5

 ABB2B1

 2FB2A3

 BDB2B3

 1DB2A1

 CFB2B5

 0BB29F

 E1B2B7

 00B29D

 F3B2BA

 FFB2BC

 FFB2BE

Harmonies

Analogous

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



86B198



76B2AB



72B1BD

Triad

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



76B2AB



B0A1C5



C2A184

Complementary

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



76B2AB



B2767D

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.



CD9C91



76B2AB



C49BB6

Square

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



76B2AB



97A7CD



CE99A3



B1A781

Rectangle

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



76B2AB



79AFC6



CE99A3



C79F88

Sweetspot

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



76B2AB



D1E8E5



7DB276



677574



F5F5F5



757575

Same Dimension

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



76B2AB



8BE8DD



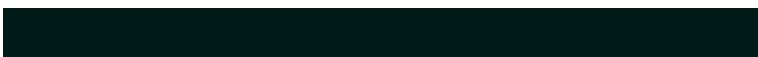
769BB2



505958



009987



001A17

Inverse Universe

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



B2767D



E88B96



B28D76



595051



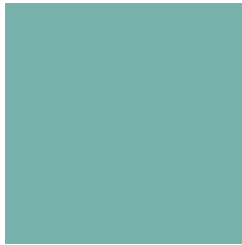
990012



1A0003

Previews

White Background



This preview shows how the Hex color 76B2AB looks on a white background.

Color Contrast Check

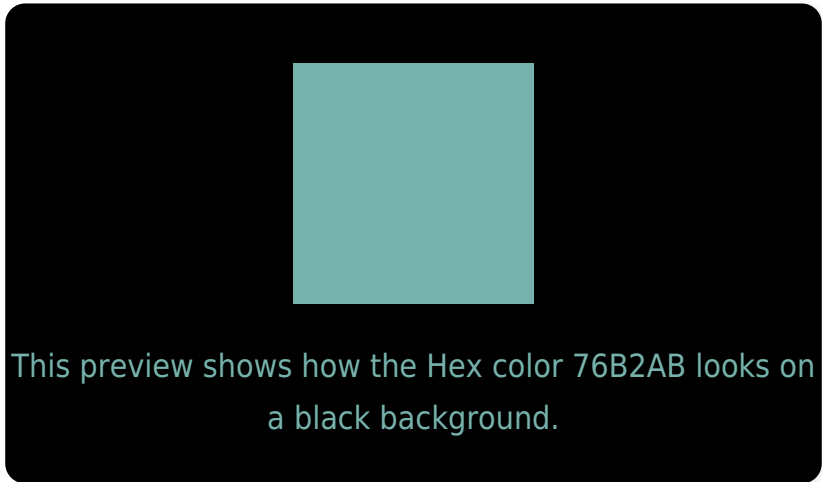
Large Text (above 18pt) WCAG AA × Fail

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

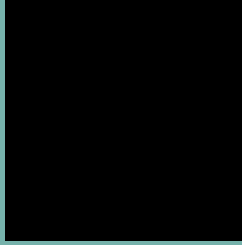
Any Text WCAG AA ✓ Pass

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 76B2AB Background



This preview shows how black text looks on a background with the Hex color 76B2AB.

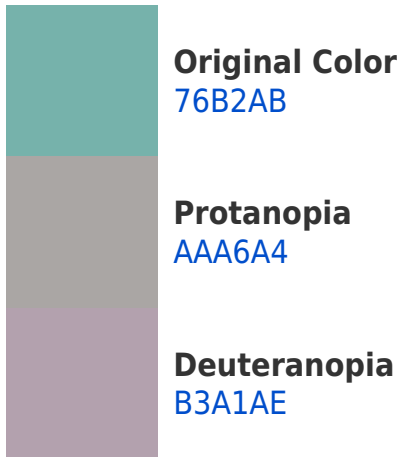


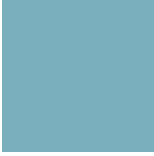
This preview shows how white text looks on a background with the Hex color 76B2AB.

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](#).

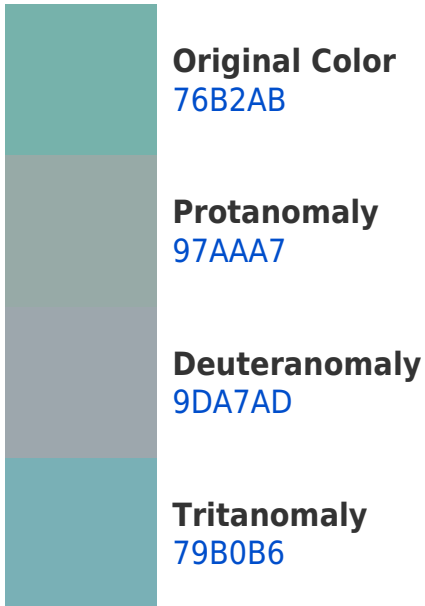
Dichromacy



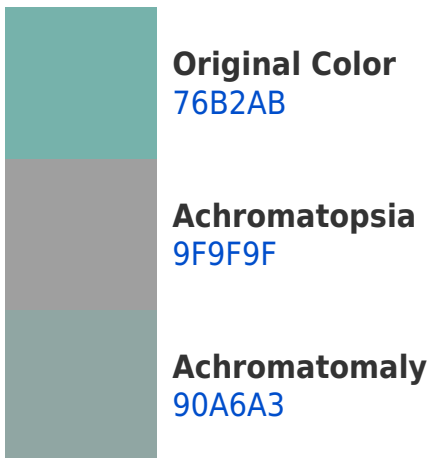


Tritanopia
7AAFBD

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 76B2AB 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 #76B2AB looks like.

```
.text, #text, p{  
    color:#76B2AB  
}
```

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 #76B2AB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #76B2AB
}
```

Border

The CSS property to change the border of an element to Hex 76B2AB 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
#76B2AB }
```

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

```
.border{ border-color:#76B2AB }
```

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

Here you see how a box with a 4 pixel #76B2AB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #76B2AB; -webkit-box-shadow:4px 4px  
4px 4px #76B2AB; box-shadow:4px 4px 4px  
4px #76B2AB }
```

Background

The CSS property to change the background color of an element to Hex 76B2AB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#76B2AB }
```

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

```
.background{ background-color:#76B2AB }
```

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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