

# Converting Colors

Hex(7AB4B9)

Have a look what the booklet for  
Hex(7AB4B9) contains.

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# **Color**

**Hex(7AB4B9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7AB4B9
RGB	122, 180, 185
RGB Percent	48%, 71%, 73%
CMY	0.5216, 0.2941, 0.2745
CMYK	0.34, 0.03, 0.00, 0.27
HSL	185°, 31%, 60%
HSV	185°, 34%, 73%
XYZ	33.1043, 40.2829, 51.9295
YIQ	163.2280, -36.1730, -10.7410

# Conversions

## Conversions Part 2

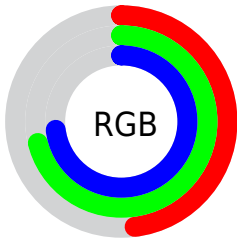
Format	Color
<a href="#">RYB</a>	<a href="#">122, 152, 185</a>
Decimal	<a href="#">8041657</a>
CIELab	<a href="#">69.67, -17.48, -8.55</a>
CIElCh	<a href="#">70, 19.458, 206.073</a>
Yxy	<a href="#">40.2829, 0.2642, 0.3214</a>
Android (android.graphics.Color)	<a href="#">4286231737</a> ( <a href="#">0xFF7AB4B9</a> )
YUV	<a href="#">163.2280, 10.7336, -36.1570</a>
Hunter-Lab	<a href="#">63.4688, -17.9678, -4.0823</a>

# Details

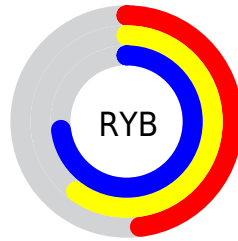
The Hex color **7AB4B9** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **B97F7A**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **B1ECF1**, and **457F84** is the 20% darker color. If you saturate the color by 10%, you get **68B3B9**, and if you desaturate by 10%, it is **8DB5B9**.

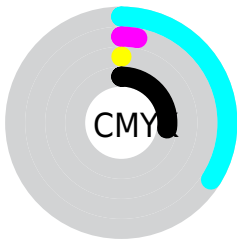
# Distribution



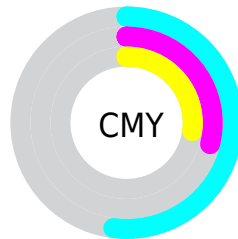
- Red (48%)
- Green (71%)
- Blue (73%)



- Red (48%)
- Yellow (60%)
- Blue (73%)



- Cyan (34%)
- Magenta (3%)
- Yellow (0%)
- Black (27%)



- Cyan (52%)
- Magenta (29%)
- Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7AB4B9 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 7AB4B9 by changing the saturation by 10% instead.



 7AB4B9

 7AB4B9

FFFFFF

 60999E

 B1ECF1

 457F84

 CDFFFF

 2B666B

 EAFFFF

 0B4E53

 00373C

 002126

 000112

 000000

 7AB4B9

 7AB4B9

68B3B9

8DB5B9

55B1B9

9FB7B9

43B0B9

B2B8B9

30AEB9

C4BAB9

1EADB9

D6BBB9

0BABB9

E9BDB9

00AAB9

FCBEB9

FFC0B9

FFC1B9

# Harmonies

## Analogous

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



82B4A7



7AB4B9



80B1C7

# Triad

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



7AB4B9



BFA1BE



BAA887

# Complementary

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



7AB4B9



B97F7A

# 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.



C8A38E



7AB4B9



CC9EAD

# Square

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



7AB4B9



AAA6CA



CF9F9B



A7AE8A

# Rectangle

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



7AB4B9



8CAECC



CF9F9B



C0A688



# Sweetspot

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



7AB4B9



D8EEF0



7AB97E



697778



F7F7F7



787878



# Same Dimension

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



7AB4B9



8DE8F0



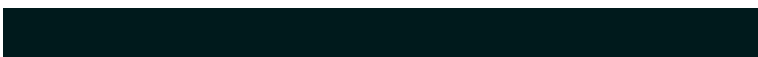
7A95B9



535B5C



008F9C



001A1C



# Inverse Universe

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



B97AB4



F08DE8



B99E7A



5C535B



9C008F

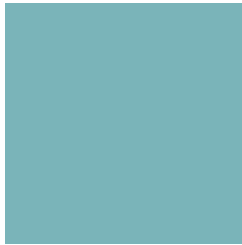


1C001A



# Previews

## White Background



This preview shows how the Hex color 7AB4B9 looks on a white background.

## Color Contrast Check

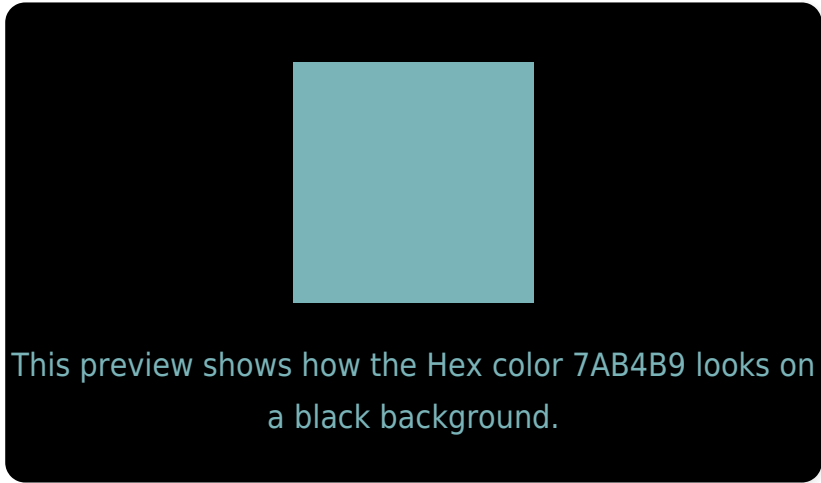
Large Text (above 18pt) WCAG AA × Fail

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

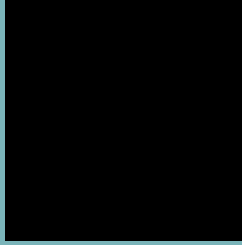
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 7AB4B9 Background



This preview shows how black text looks on a background with the Hex color 7AB4B9.

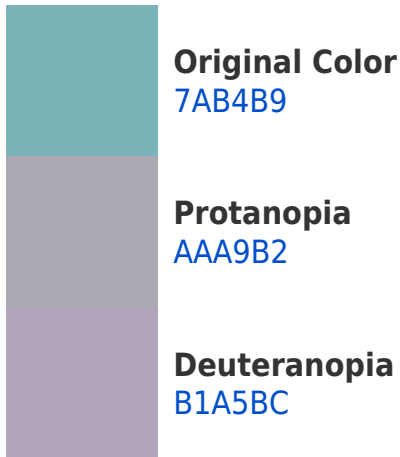


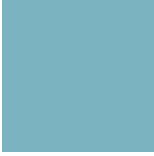
This preview shows how white text looks on a background with the Hex color 7AB4B9.

# 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**  
7CB3C1

# Trichromacy



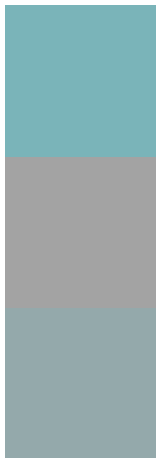
**Original Color**  
7AB4B9

**Protanomaly**  
99ADB5

**Deuteranomaly**  
9DAABB

**Tritanomaly**  
7BB3BE

# Monochromacy



**Original Color**  
7AB4B9

**Achromatopsia**  
A3A3A3

**Achromatomaly**  
94A9AB

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7AB4B9 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 #7AB4B9 looks like.

```
.text, #text, p{  
    color:#7AB4B9  
}
```

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 #7AB4B9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7AB4B9
}
```

## Border

The CSS property to change the border of an element to Hex 7AB4B9 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
#7AB4B9 }
```

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

```
.border{ border-color:#7AB4B9 }
```

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

Here you see how a box with a 4 pixel #7AB4B9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7AB4B9; -webkit-box-shadow:4px 4px  
4px 4px #7AB4B9; box-shadow:4px 4px 4px  
4px #7AB4B9 }
```

# Background

The CSS property to change the background color of an element to Hex 7AB4B9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7AB4B9 }
```

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

```
.background{ background-color:#7AB4B9 }
```

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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