

# Converting Colors

Hex(7BABAE)

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

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# **Color**

**Hex(7BABAE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7BABAE
RGB	123, 171, 174
RGB Percent	48%, 67%, 68%
CMY	0.5176, 0.3294, 0.3176
CMYK	0.29, 0.02, 0.00, 0.32
HSL	184°, 24%, 58%
HSV	184°, 29%, 68%
XYZ	30.3713, 36.3928, 45.4682
YIQ	156.9900, -29.5710, -9.2430

# Conversions

## Conversions Part 2

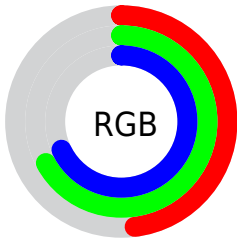
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	123, 148, 174
Decimal	8104878
CIE Lab	66.82, -15.15, -6.70
CIE LCh	67, 16.562, 203.857
Yxy	36.3928, 0.2706, 0.3243
Android (android.graphics.Color)	4286294958 (0xFF7BABAE)
YUV	156.9900, 8.3859, -29.8092
Hunter-Lab	60.3264, -15.7056, -2.4585

# Details

The Hex color **7BABAE** is a light color, and the websafe version is hex **669999**. A complement of this color would be **AE7E7B**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **B1E2E5**, and **48777A** is the 20% darker color. If you saturate the color by 10%, you get **6AAAAE**, and if you desaturate by 10%, it is **8CACAE**.

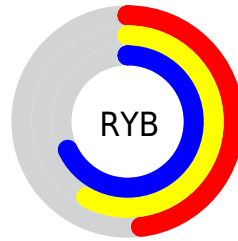
# Distribution



Red (48%)

Green (67%)

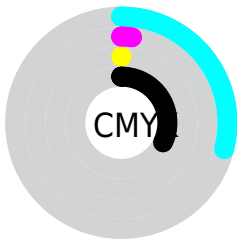
Blue (68%)



Red (48%)

Yellow (58%)

Blue (68%)

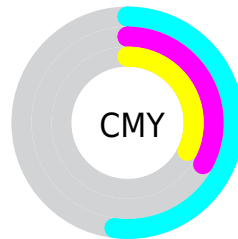


Cyan (29%)

Magenta (2%)

Yellow (0%)

Black (32%)



Cyan (52%)

Magenta (33%)

Yellow (32%)

# Brightness & Saturation Gradients

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



 7BABAE

 7BABAE

FFFFFF

 619093

 B1E2E5

 48777A

 CDFFFF

 2F5E61

 EAFFFF

 144649

 003033

 001C1E

 000003

 000000

 7BABAE

 7BABAE

6AAAAE

8CACAE

58A9AE

9EADAE

47A8AE

AFAEAE

35A7AE

C1AFAE

24A6AE

D2B0AE

13A5AE

E3B1AE

01A4AE

F5B2AE

00A4AE

FFB3AE

FFB4AE

# Harmonies

## Analogous

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



82AB9F



7BABAE



7FA9BA

# Triad

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



7BABA E



B39BB4



B1A085

# Complementary

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



7BABAE



AE7E7B

# 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.



BD9C8B



7BABAE



BF98A6

# Square

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



7BABAE



A1A0BE



C29997



A1A587

# Rectangle

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



7BABA E



88A6B F



C2999 7



B69F8 6



# Sweetspot

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



7BABAE



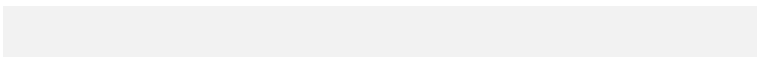
CFE2E3



7BAE7E



667273



F2F2F2



737373



# Same Dimension

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



7BABAE



94DEE3



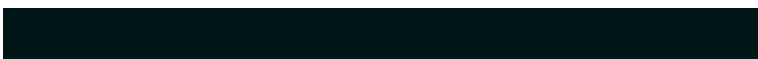
7B92AE



4E5657



008E96



001617



# Inverse Universe

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



AE7BAB



E394DE



AE977B



574E56



96008E

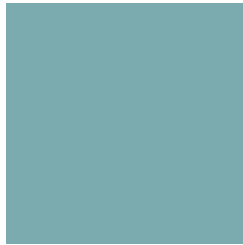


170016



# Previews

## White Background



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

## Color Contrast Check

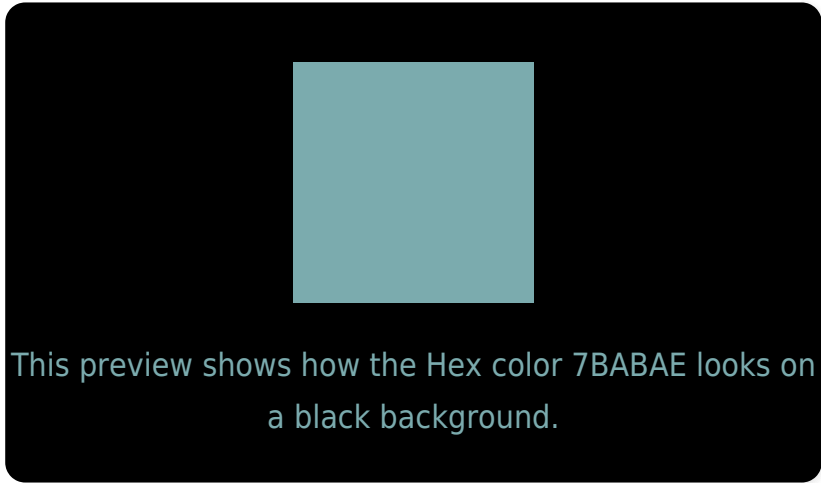
Large Text (above 18pt) WCAG AA × Fail

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

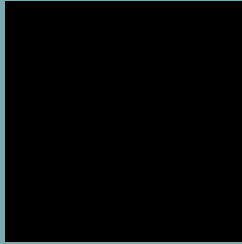
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 7BABAE Background



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



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

# Color Blindness Simulation

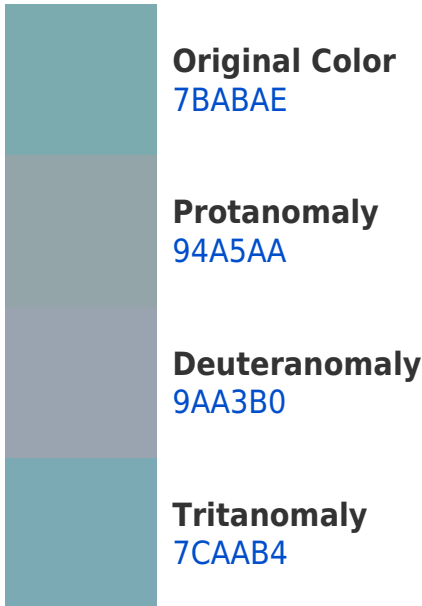
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

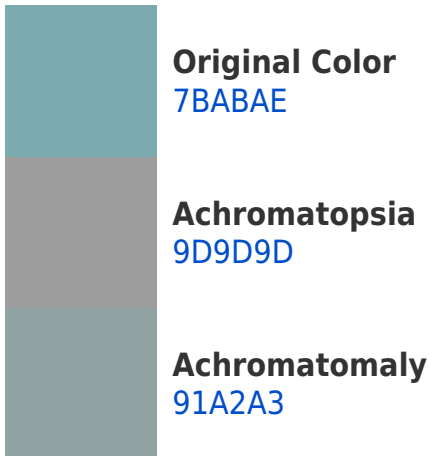




# Trichromacy



# Monochromacy



# CSS Examples

## Text

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

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

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 #7BABAE colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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