

# Converting Colors

Hex(7BB49D)

Have a look what the booklet for  
Hex(7BB49D) contains.

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# **Color**

**Hex(7BB49D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7BB49D
RGB	123, 180, 157
RGB Percent	48%, 71%, 62%
CMY	0.5176, 0.2941, 0.3843
CMYK	0.32, 0.00, 0.13, 0.29
HSL	156°, 28%, 59%
HSV	156°, 32%, 71%
XYZ	30.5754, 39.2878, 37.8701
YIQ	160.3350, -26.5890, -19.2370

# Conversions

## Conversions Part 2

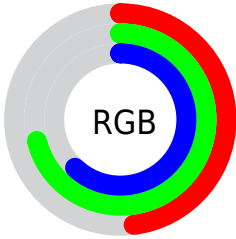
Format	Color
<a href="#">RYB</a>	<a href="#">123, 159, 180</a>
Decimal	<a href="#">8107165</a>
CIELab	<a href="#">68.96, -23.61, 5.83</a>
CIELCh	<a href="#">69, 24.318, 166.127</a>
Yxy	<a href="#">39.2878, 0.2838, 0.3647</a>
Android (android.graphics.Color)	<a href="#">4286297245 (0xFF7BB49D)</a>
YUV	<a href="#">160.3350, -1.6442, -32.7428</a>
Hunter-Lab	<a href="#">62.6800, -22.6172, 8.0540</a>

# Details

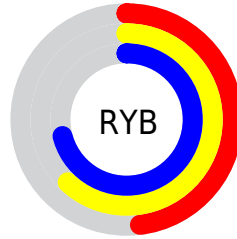
The Hex color **7BB49D** is a light color, and the websafe version is hex **669999**. A complement of this color would be **B47B92**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **B1ECD4**, and **487F6A** is the 20% darker color. If you saturate the color by 10%, you get **69B496**, and if you desaturate by 10%, it is **8DB4A4**.

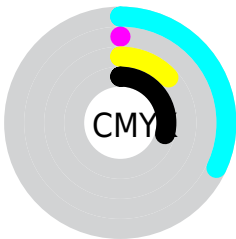
# Distribution



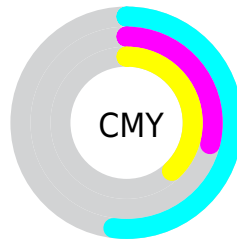
- Red (48%)
- Green (71%)
- Blue (62%)



- Red (48%)
- Yellow (62%)
- Blue (71%)



- Cyan (32%)
- Magenta (0%)
- Yellow (13%)
- Black (29%)



- Cyan (52%)
- Magenta (29%)
- Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7BB49D 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 7BB49D by changing the saturation by 10% instead.



 7BB49D

 7BB49D

FFFFFF

 619983

 B1ECD4

 487F6A

 CDFFF0

 2E6652

 EAFFFF

 144D3B

 003625

 002110

 000000

 7BB49D

 7BB49D

 69B496

 8DB4A4

 57B48E

 9FB4AC

 45B487

 B1B4B3

 33B480

 C3B4BA

 21B479

 D5B4C1

 0FB471

 E7B4C9

 00B46B

 F9B4D0

 FFB4D7

 FFB4DE

# Harmonies

## Analogous

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



93B189



7BB49D



6AB5B4

# Triad

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



7BB49D



9EA6D2



D19D89

# Complementary

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



7BB49D



B47B92

# 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.



D5999D



7BB49D



BA9FC7

# Square

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



7BB49D



80ADD2



CE99B3



C2A37E

# Rectangle

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



7BB49D



68B4C1



CE99B3



D49B8F



# Sweetspot

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



7BB49D



D3EBE1



93B47B



677570



F5F5F5



757575



# Same Dimension

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



7BB49D



91EBC7



7BAFB4



505956



00995B



001A0F



# Inverse Universe

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



B47B92



EB91B5



B4807B



595054



99003E



1A000A



# Previews

## White Background



This preview shows how the Hex color 7BB49D looks on a white background.

## Color Contrast Check

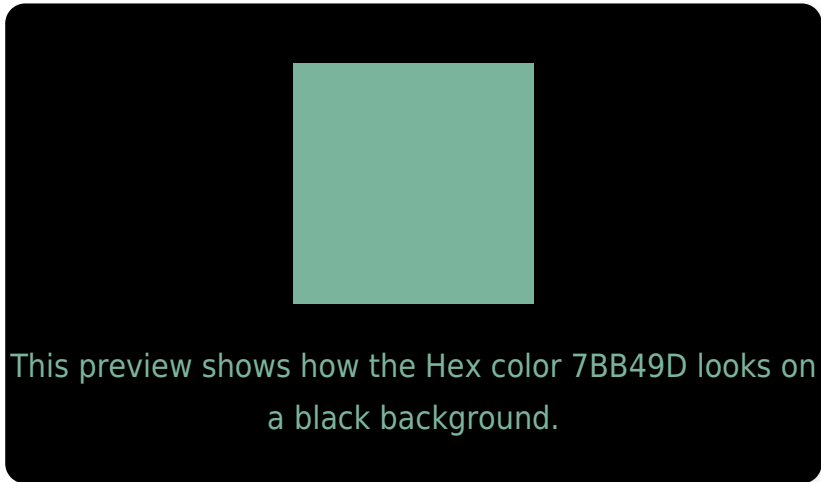
Large Text (above 18pt) WCAG AA × Fail

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 7BB49D Background



This preview shows how black text looks on a background with the Hex color 7BB49D.

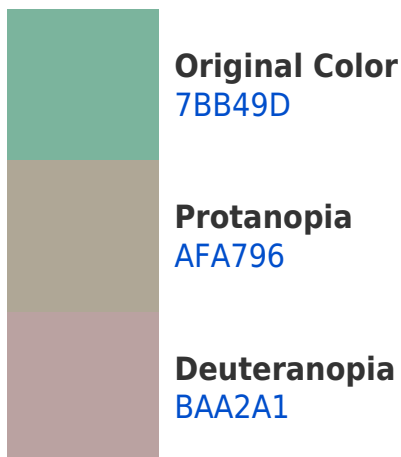


This preview shows how white text looks on a background with the Hex color 7BB49D.

# 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**  
82AFBD

# Trichromacy



**Original Color**

7BB49D



**Protanomaly**

9CAC99



**Deuteranomaly**

A3A9A0



**Tritanomaly**

7FB1B1

# Monochromacy



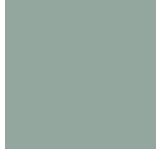
**Original Color**

7BB49D



**Achromatopsia**

A0A0A0



**Achromatomaly**

93A79F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7BB49D 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 #7BB49D looks like.

```
.text, #text, p{  
    color:#7BB49D  
}
```

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 #7BB49D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7BB49D
}
```

## Border

The CSS property to change the border of an element to Hex 7BB49D 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
#7BB49D }
```

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

```
.border{ border-color:#7BB49D }
```

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

Here you see how a box with a 4 pixel #7BB49D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7BB49D; -webkit-box-shadow:4px 4px  
4px 4px #7BB49D; box-shadow:4px 4px 4px  
4px #7BB49D }
```

# Background

The CSS property to change the background color of an element to Hex 7BB49D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7BB49D }
```

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

```
.background{ background-color:#7BB49D }
```

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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