

# Converting Colors

Hex(B7809A)

Have a look what the booklet for  
Hex(B7809A) contains.

<b>Hex(B7809A)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(B7809A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B7809A
RGB	183, 128, 154
RGB Percent	72%, 50%, 60%
CMY	0.2824, 0.4980, 0.3961
CMYK	0.00, 0.30, 0.16, 0.28
HSL	332°, 28%, 61%
HSV	332°, 30%, 72%
XYZ	33.0803, 27.8387, 34.2017
YIQ	147.4090, 24.4340, 19.7460

# Conversions

## Conversions Part 2

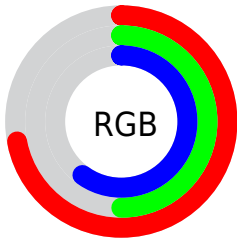
Format	Color
<b>RYB</b>	183, 128, 154
Decimal	12026010
CIELab	59.74, 25.23, -5.36
CIELCh	60, 25.793, 347.999
Yxy	27.8387, 0.3478, 0.2927
Android (android.graphics.Color)	4290216090 (0xFFB7809A)
YUV	147.4090, 3.2494, 31.2133
Hunter-Lab	52.7624, 19.5796, -1.4994

# Details

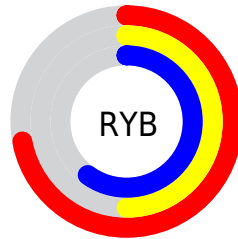
The Hex color **B7809A** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **80B79D**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **F0B5D0**, and **814E67** is the 20% darker color. If you saturate the color by 10%, you get **B76E90**, and if you desaturate by 10%, it is **B792A4**.

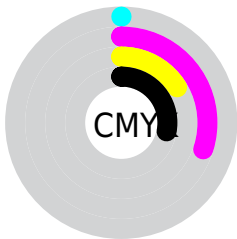
# Distribution



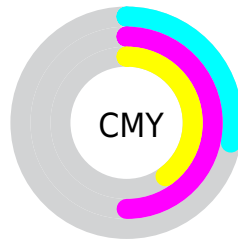
- Red (72%)
- Green (50%)
- Blue (60%)



- Red (72%)
- Yellow (50%)
- Blue (60%)



- Cyan (0%)
- Magenta (30%)
- Yellow (16%)
- Black (28%)



- Cyan (28%)
- Magenta (50%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B7809A 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 B7809A by changing the saturation by 10% instead.



 B7809A

 B7809A

FFFFFF

 9C6780

 F0B5D0

 814E67

 FFD1ED

 67364F

 FFEEFF

 4E2038

 360923

 24000D

 000000

 B7809A

 B7809A

 B76E90

 B792A4

 B75B87

 B7A5AD

 B7497D

 B7B7B7

 B73773

 B7C9C1

 B7246A

 B7DBCA

 B71260

 B7EED4

 B70057

 B7FFDE

 B7FFE7

 B7FFF1

# Harmonies

## Analogous

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



A485AE



B7809A



BE7F83

# Triad

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



B7809A



929364



4C9AB1

# Complementary

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



B7809A



80B79D

# 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.



4B9C9D



B7809A



789971

# Square

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



B7809A



A88B64



5E9C86



6595BC

# Rectangle

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



B7809A



BB8275



5E9C86



499BAB



# Sweetspot

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



B7809A



EDD8E2



9C80B7



786B71



F7F7F7



787878



# Same Dimension

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



B7809A



ED98C0



B78180



5C5357



9C004A



1C000D



# Inverse Universe

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



B7809A



ED98C0



80B6B7



5C5357



9C004A

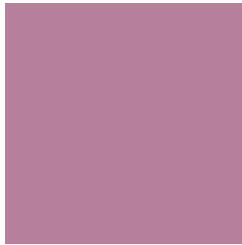


1C000D



# Previews

## White Background



This preview shows how the Hex color B7809A looks on a white background.

## Color Contrast Check

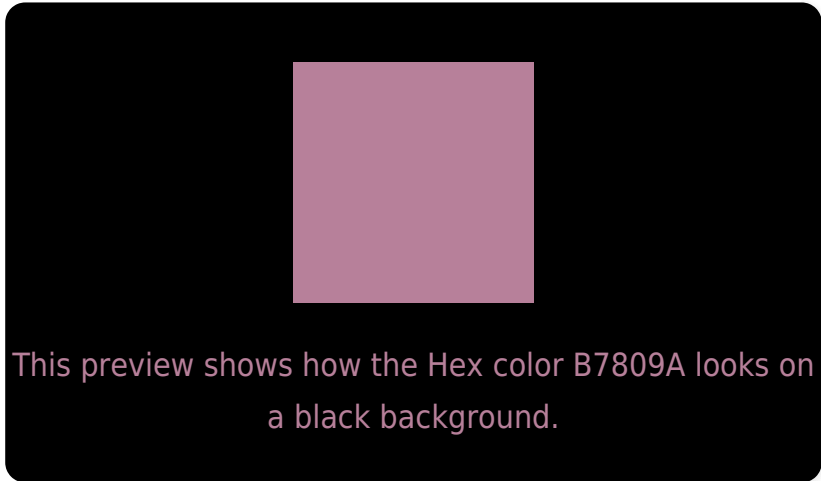
Large Text (above 18pt) WCAG AA ✓ Pass

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

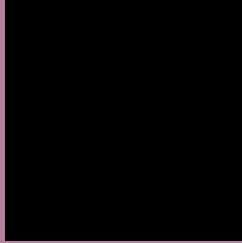
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex B7809A Background



This preview shows how black text looks on a background with the Hex color B7809A.



This preview shows how white text looks on a background with the Hex color B7809A.

# 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**  
B5828C

# Trichromacy



**Original Color**  
B7809A

**Protanomaly**  
9C8AA0

**Deuteranomaly**  
A58899

**Tritanomaly**  
B68191

# Monochromacy



**Original Color**  
B7809A

**Achromatopsia**  
939393

**Achromatomaly**  
A08C96

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B7809A 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 #B7809A looks like.

```
.text, #text, p{  
    color:#B7809A  
}
```

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 #B7809A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B7809A
}
```

## Border

The CSS property to change the border of an element to Hex B7809A is called "border". The border property can be set on classes, ids or directly on the HTML element.

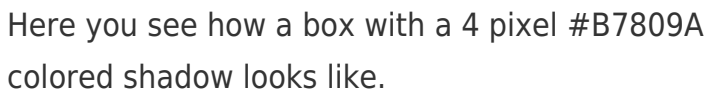
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B7809A }
```

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

```
.border{ border-color:#B7809A }
```

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



Here you see how a box with a 4 pixel #B7809A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B7809A; -webkit-box-shadow:4px 4px  
4px 4px #B7809A; box-shadow:4px 4px 4px  
4px #B7809A }
```

# Background

The CSS property to change the background color of an element to Hex B7809A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B7809A }
```

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

```
.background{ background-color:#B7809A }
```

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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