

# Converting Colors

Hex(A097BD)

Have a look what the booklet for  
Hex(A097BD) contains.

<b>Hex(A097BD)</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(A097BD)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A097BD
RGB	160, 151, 189
RGB Percent	63%, 59%, 74%
CMY	0.3725, 0.4078, 0.2588
CMYK	0.15, 0.20, 0.00, 0.26
HSL	254°, 22%, 67%
HSV	254°, 20%, 74%
XYZ	34.7491, 33.2809, 52.7365
YIQ	158.0230, -6.8340, 13.7260

# Conversions

## Conversions Part 2

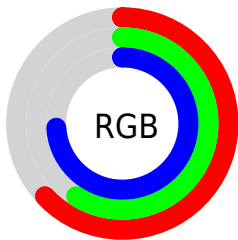
<b>Format</b>	<b>Color</b>
<b>RYB</b>	160, 151, 189
Decimal	10524605
CIELab	64.39, 11.03, -18.47
CIELCh	64, 21.507, 300.840
Yxy	33.2809, 0.2877, 0.2756
Android (android.graphics.Color)	4288714685 (0xFFA097BD)
YUV	158.0230, 15.2717, 1.7338
Hunter-Lab	57.6896, 6.5620, -13.8167

# Details

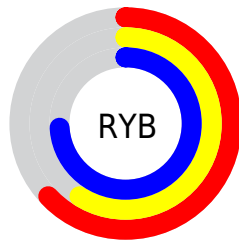
The Hex color **A097BD** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **B4BD97**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **D7CDF5**, and **6C6488** is the 20% darker color. If you saturate the color by 10%, you get **9284BD**, and if you desaturate by 10%, it is **AEAABD**.

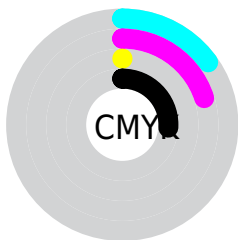
# Distribution



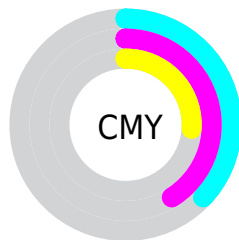
- Red (63%)
- Green (59%)
- Blue (74%)



- Red (63%)
- Yellow (59%)
- Blue (74%)



- Cyan (15%)
- Magenta (20%)
- Yellow (0%)
- Black (26%)



- Cyan (37%)
- Magenta (41%)
- Yellow (26%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A097BD 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 A097BD by changing the saturation by 10% instead.



 A097BD

 A097BD

FFFFFF

 867DA2

 D7CDF5


 6C6488

 F4E9FF

 534C6E

 3C3656

 25203E

 110A28

 000113

 000000

 A097BD

 A097BD

9284BD

AEAABD

8371BD

BDBDBD

755EBD

CBD0BD

664BBD

DAE3BD

5839BD

E8F6BD

4926BD

F7FFBD

3B13BD

FFFFBD

2D00BD

# Harmonies

## Analogous

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



869EC2



A097BD



B591AF

# Triad

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



A097BD



BA957B



6DA79C

# Complementary

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



A097BD



B4BD97

# 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.



7FA589



A097BD



AA9B76

# Square

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



A097BD



C39089



95A17B



65A6AF

# Rectangle

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



A097BD



BF8FA3



95A17B



72A795



# Sweetspot

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



A097BD



EAE6F5



97B4BD



74727A



FAFAFA



7A7A7A



# Same Dimension

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



A097BD



C8BAF5



B397BD



57555E



25009E



07001F



# Inverse Universe

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



BD97B4



F5BAE7



A1BD97



5E555C



9E0079



1F0017



# Previews

## White Background



This preview shows how the Hex color A097BD looks on a white background.

## Color Contrast Check

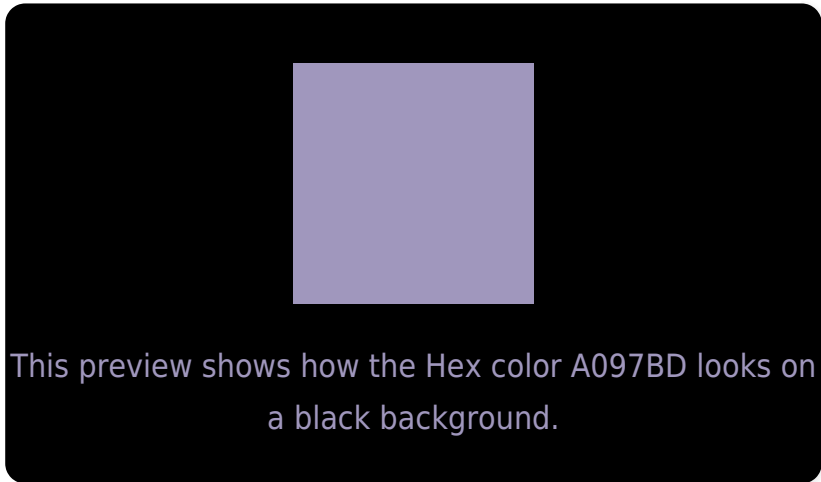
Large Text (above 18pt) WCAG AA × Fail

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

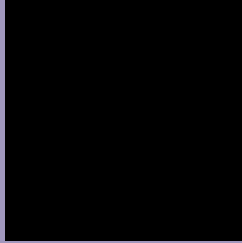
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex A097BD Background



This preview shows how black text looks on a background with the Hex color A097BD.



This preview shows how white text looks on a background with the Hex color A097BD.

# 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



**Original Color**  
A097BD

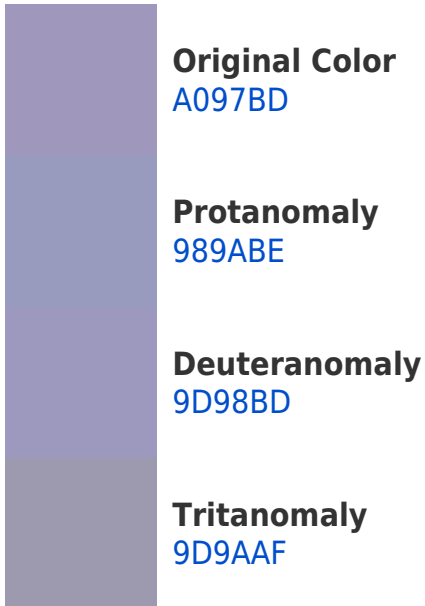
**Protanopia**  
949BBF

**Deuteranopia**  
9B99BD

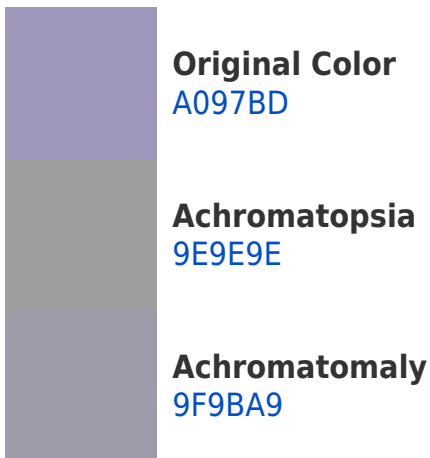


**Tritanopia**  
9C9BA7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A097BD 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 #A097BD looks like.

```
.text, #text, p{  
    color:#A097BD  
}
```

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 #A097BD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A097BD
}
```

## Border

The CSS property to change the border of an element to Hex A097BD 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
#A097BD }
```

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

```
.border{ border-color:#A097BD }
```

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

Here you see how a box with a 4 pixel #A097BD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A097BD; -webkit-box-shadow:4px 4px  
4px 4px #A097BD; box-shadow:4px 4px 4px  
4px #A097BD }
```

# Background

The CSS property to change the background color of an element to Hex A097BD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A097BD }
```

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

```
.background{ background-color:#A097BD }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor