

# Converting Colors

Hex(B096AF)

Have a look what the booklet for  
Hex(B096AF) contains.

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# **Color**

**Hex(B096AF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B096AF
RGB	176, 150, 175
RGB Percent	69%, 59%, 69%
CMY	0.3098, 0.4118, 0.3137
CMYK	0.00, 0.15, 0.01, 0.31
HSL	302°, 14%, 64%
HSV	302°, 15%, 69%
XYZ	36.5487, 34.1379, 45.2204
YIQ	160.6240, 7.4710, 13.2870

# Conversions

## Conversions Part 2

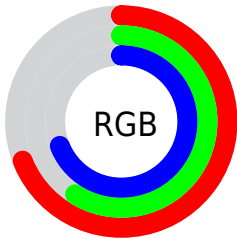
<b>Format</b>	<b>Color</b>
<b>RYB</b>	176, 150, 175
Decimal	11572911
CIELab	65.07, 14.14, -9.44
CIELCh	65, 17.004, 326.284
Yxy	34.1379, 0.3153, 0.2945
Android (android.graphics.Color)	4289762991 (0xFFB096AF)
YUV	160.6240, 7.0874, 13.4848
Hunter-Lab	58.4277, 9.4100, -4.9884

# Details

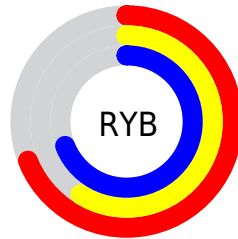
The Hex color **B096AF** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **96B097**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **E8CCE7**, and **7B637B** is the 20% darker color. If you saturate the color by 10%, you get **B084AE**, and if you desaturate by 10%, it is **B0A8B0**.

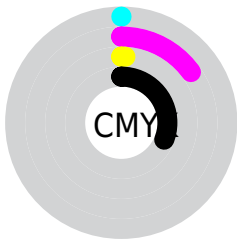
# Distribution



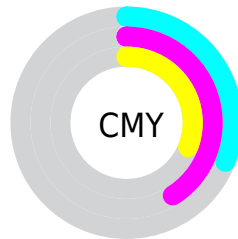
- Red (69%)
- Green (59%)
- Blue (69%)



- Red (69%)
- Yellow (59%)
- Blue (69%)



- Cyan (0%)
- Magenta (15%)
- Yellow (1%)
- Black (31%)



- Cyan (31%)
- Magenta (41%)
- Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B096AF 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 B096AF by changing the saturation by 10% instead.



 B096AF

 B096AF

FFFFFF

 957C94

 E8CCE7

 7B637B

 FFE8FF

 624B62

 4A344A

 331F33

 1F081E

 000002

 000000

 B096AF

 B096AF

 B084AE

 B0A8B0

 B073AE

 B0B9B0

 B061AD

 B0CBB1

 B050AC

 B0DCB2

 B03EAC

 B0EEB2

 B02CAB

 B0FFB3

 B01BAA

 B0FFB4

 B009AA

 B0FFB5

 B000A9

# Harmonies

## Analogous

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



9E9BB9



B096AF



BB93A0

# Triad

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



B096AF



AC9C80



75A6AB

# Complementary

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



B096AF



96B097

# 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.



7CA79B



B096AF



9BA183

# Square

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



B096AF



B89785



8AA58D



7AA4B7

# Rectangle

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



B096AF



BE9396



8AA58D



76A7A6



# Sweetspot

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



B096AF



E6DCE5



9796B0



736D73



F2F2F2



737373



# Same Dimension

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



B096AF



E6BCE4



B096A2



595059



990093



1A0019



# Inverse Universe

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



B096AF



E6BCE4



96B0A4



595059



990093

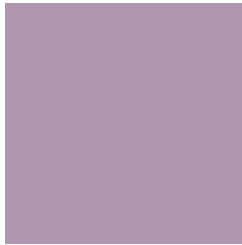


1A0019



# Previews

## White Background



This preview shows how the Hex color B096AF looks on a white background.

## Color Contrast Check

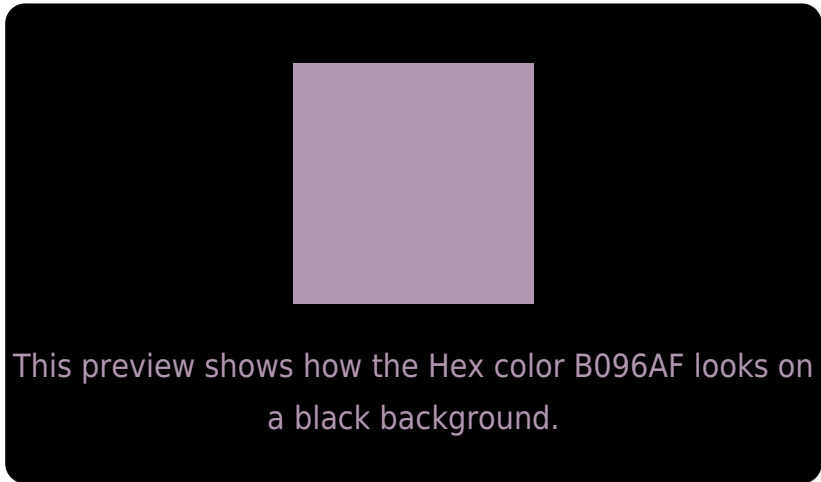
Large Text (above 18pt) WCAG AA × Fail

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

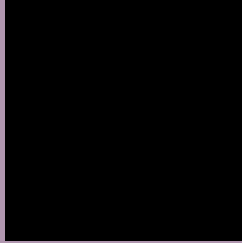
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex B096AF Background



This preview shows how black text looks on a background with the Hex color B096AF.

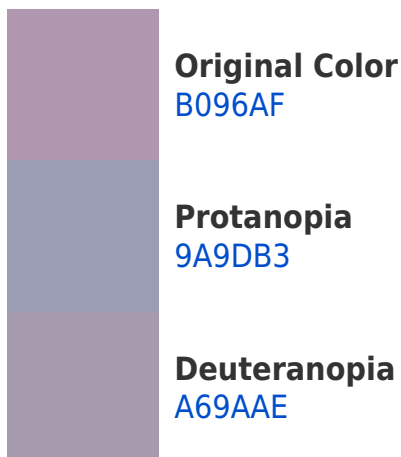



This preview shows how white text looks on a background with the Hex color B096AF.

# 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**  
AE98A4

# Trichromacy



**Original Color**  
B096AF

**Protanomaly**  
A29AB2

**Deuteranomaly**  
AA99AE

**Tritanomaly**  
AF97A8

# Monochromacy



**Original Color**  
B096AF

**Achromatopsia**  
A1A1A1

**Achromatomaly**  
A69DA6

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B096AF 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 #B096AF looks like.

```
.text, #text, p{  
    color:#B096AF  
}
```

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 #B096AF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B096AF
}
```

## Border

The CSS property to change the border of an element to Hex B096AF is called "border". The border property can be set on classes, ids or directly on the HTML element.

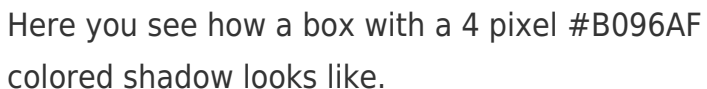
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B096AF }
```

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

```
.border{ border-color:#B096AF }
```

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



Here you see how a box with a 4 pixel #B096AF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B096AF; -webkit-box-shadow:4px 4px  
4px 4px #B096AF; box-shadow:4px 4px 4px  
4px #B096AF }
```

# Background

The CSS property to change the background color of an element to Hex B096AF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B096AF }
```

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

```
.background{ background-color:#B096AF }
```

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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