

# Converting Colors

Hex(B96CB3)

Have a look what the booklet for  
Hex(B96CB3) contains.

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**Color**

**Hex(B96CB3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B96CB3
RGB	185, 108, 179
RGB Percent	73%, 42%, 70%
CMY	0.2745, 0.5765, 0.2980
CMYK	0.00, 0.42, 0.03, 0.27
HSL	305°, 35%, 57%
HSV	305°, 42%, 73%
XYZ	33.5068, 24.2941, 45.5710
YIQ	139.1170, 23.1010, 38.4050

# Conversions

## Conversions Part 2

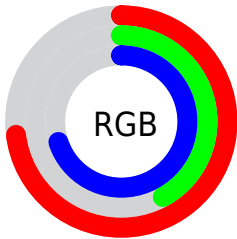
<b>Format</b>	<b>Color</b>
<b>RYB</b>	185, 108, 179
Decimal	12151987
CIELab	56.38, 41.22, -24.81
CIELCh	56, 48.113, 328.961
Yxy	24.2941, 0.3241, 0.2350
Android (android.graphics.Color)	4290342067 (0xFFB96CB3)
YUV	139.1170, 19.6623, 40.2394
Hunter-Lab	49.2890, 35.0890, -20.3153

# Details

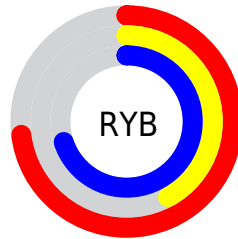
The Hex color **B96CB3** is a light color, and the websafe version is hex **996699**. A complement of this color would be **6CB972**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **F2A1EB**, and **82397E** is the 20% darker color. If you saturate the color by 10%, you get **B95AB2**, and if you desaturate by 10%, it is **B97FB4**.

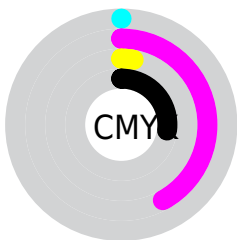
# Distribution



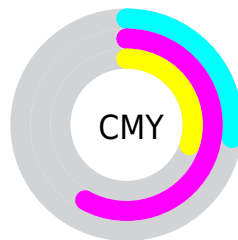
- Red (73%)
- Green (42%)
- Blue (70%)



- Red (73%)
- Yellow (42%)
- Blue (70%)



- Cyan (0%)
- Magenta (42%)
- Yellow (3%)
- Black (27%)



- Cyan (27%)
- Magenta (58%)
- Yellow (30%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B96CB3 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 B96CB3 by changing the saturation by 10% instead.



 B96CB3

 B96CB3

FFFFFF

 9D5298

 F2A1EB

 82397E

 FFBDFE

 682065

 FFD9FF

 4E014D

 FFF6FF

 350036

 1F0020

 000003

 000000

 B96CB3

 B96CB3

 B95AB2

 B97FB4

 B947B0

 B991B6

 B935AF

 B9A3B7

 B922AD

 B9B6B9

 B910AC

 B9C9BA

 B900AB

 B9DBBC

 B9EDBD

 B9FFBF

 B9FFC0

# Harmonies

## Analogous

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



867DD1



B96CB3



D2628A

# Triad

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



B96CB3



A0852F



009BAF

# Complementary

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



B96CB3



6CB972

# 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.



009C84



B96CB3



76913A

# Square

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



B96CB3



C07540



3E985A



0096CE

# Rectangle

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



B96CB3



D5646E



3E985A



009CA1



# Sweetspot

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



B96CB3



F0D3ED



716CB9



786777



F7F7F7



787878



# Same Dimension

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



B96CB3



F078E6



B96C8D



5C535B



9C008F



1C001A



# Inverse Universe

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



B96CB3



F078E6



6CB998



5C535B



9C008F

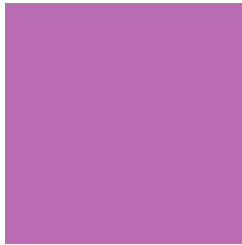


1C001A



# Previews

## White Background



This preview shows how the Hex color B96CB3 looks on a white background.

## Color Contrast Check

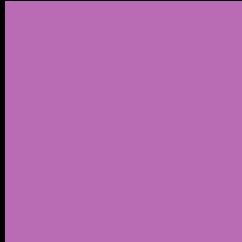
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

# Black Background



This preview shows how the Hex color B96CB3 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

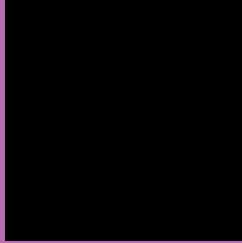
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex B96CB3 Background



This preview shows how black text looks on a background with the Hex color B96CB3.

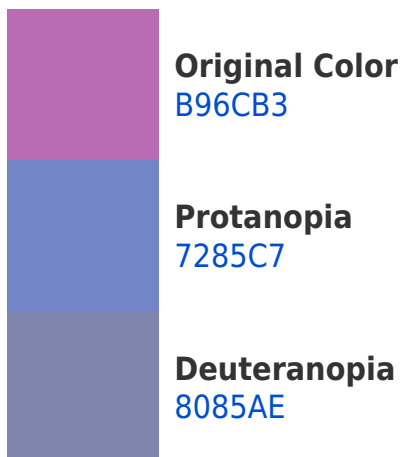


This preview shows how white text looks on a background with the Hex color B96CB3.

# 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**  
B37780

# Trichromacy



**Original Color**  
B96CB3



**Protanomaly**  
8C7CC0



**Deuteranomaly**  
957CB0



**Tritanomaly**  
B57393

# Monochromacy



**Original Color**  
B96CB3



**Achromatopsia**  
8B8B8B



**Achromatomaly**  
9C809A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B96CB3 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 #B96CB3 looks like.

```
.text, #text, p{  
    color:#B96CB3  
}
```

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 #B96CB3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B96CB3
}
```

## Border

The CSS property to change the border of an element to Hex B96CB3 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
#B96CB3 }
```

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

```
.border{ border-color:#B96CB3 }
```

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

Here you see how a box with a 4 pixel #B96CB3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B96CB3; -webkit-box-shadow:4px 4px  
4px 4px #B96CB3; box-shadow:4px 4px 4px  
4px #B96CB3 }
```

# Background

The CSS property to change the background color of an element to Hex B96CB3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B96CB3 }
```

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

```
.background{ background-color:#B96CB3 }
```

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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