

# Converting Colors

Hex(B476B3)

Have a look what the booklet for  
Hex(B476B3) contains.

<b>Hex(B476B3)</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(B476B3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B476B3
RGB	180, 118, 179
RGB Percent	71%, 46%, 70%
CMY	0.2941, 0.5373, 0.2980
CMYK	0.00, 0.34, 0.01, 0.29
HSL	301°, 29%, 58%
HSV	301°, 34%, 71%
XYZ	33.4375, 25.9148, 45.8875
YIQ	143.4920, 17.3710, 32.1150

# Conversions

## Conversions Part 2

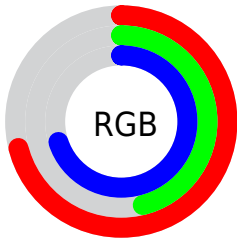
Format	Color
R <sub>Y</sub> B	180, 118, 179
Decimal	11826867
CIE <sub>Lab</sub>	57.96, 34.19, -22.44
CIE <sub>LCh</sub>	58, 40.896, 326.726
Y <sub>xy</sub>	25.9148, 0.3177, 0.2462
Android (android.graphics.Color)	4290016947 (0xFFB476B3)
YUV	143.4920, 17.5054, 32.0175
Hunter-Lab	50.9066, 28.1594, -17.8097

# Details

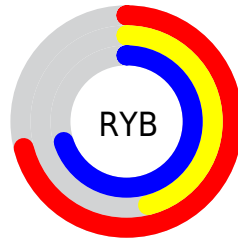
The Hex color **B476B3** is a light color, and the websafe version is hex **996699**. A complement of this color would be **76B477**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **EDABEB**, and **7E447E** is the 20% darker color. If you saturate the color by 10%, you get **B464B3**, and if you desaturate by 10%, it is **B488B3**.

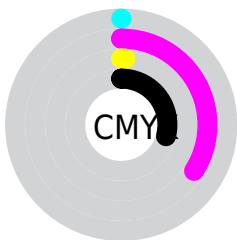
# Distribution



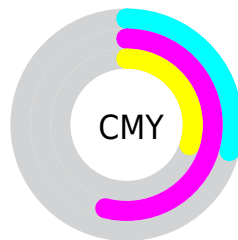
- Red (71%)
- Green (46%)
- Blue (70%)



- Red (71%)
- Yellow (46%)
- Blue (70%)



- Cyan (0%)
- Magenta (34%)
- Yellow (1%)
- Black (29%)



- Cyan (29%)
- Magenta (54%)
- Yellow (30%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B476B3 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 B476B3 by changing the saturation by 10% instead.



 B476B3

 B476B3

FFFFFF

 995D98

 EDABEB

 7E447E

 FFC7FF

 642C65

 FFE3FF

 4B134D

 330036

 1E0020

 000004

 000000

 B476B3

 B476B3

 B464B3

 B488B3

 B452B2

 B49AB4

 B440B2

 B4ACB4

 B42EB2

 B4BEB4

 B41CB2

 B4D0B4

 B40AB1

 B4E2B5

 B400B1

 B4F4B5

 B4FFB5

 B4FFB6

# Harmonies

## Analogous

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



8883CB



B476B3



CB6E91

# Triad

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



B476B3



A48842



009DAA

# Complementary

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



B476B3



76B477

# 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.



009D86



B476B3



819349

# Square

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



B476B3



C07B50



559A63



0099C6

# Rectangle

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



B476B3



CF6E79



559A63



009E9F



# Sweetspot

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



B476B3



EBD3EA



7676B4



756775



F5F5F5



757575



# Same Dimension

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



B476B3



EB8AE9



B47695



595059



990097



1A0019



# Inverse Universe

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



B476B3



EB8AE9



76B495



595059



990097

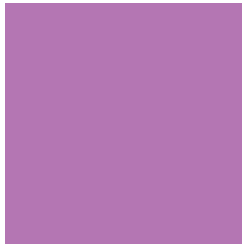


1A0019



# Previews

## White Background



This preview shows how the Hex color B476B3 looks on a white background.

## Color Contrast Check

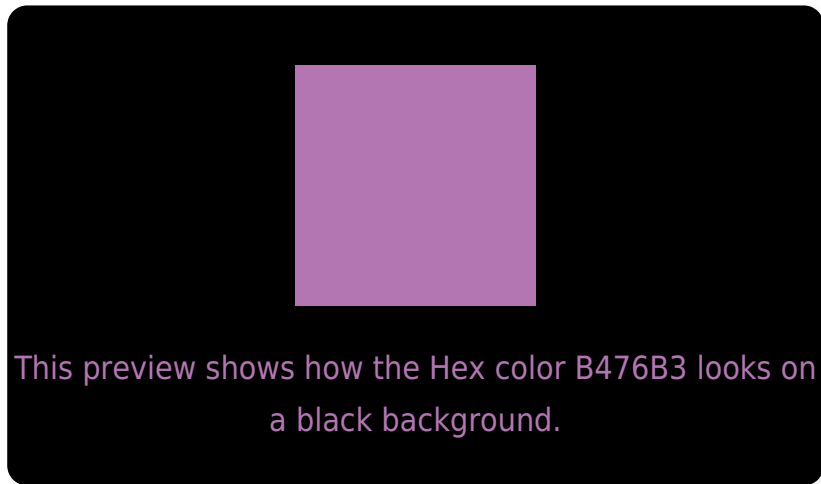
Large Text (above 18pt) WCAG AA ✓ Pass

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

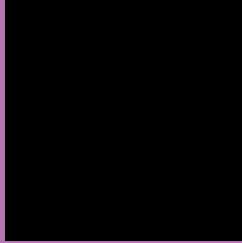
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex B476B3 Background



This preview shows how black text looks on a background with the Hex color B476B3.

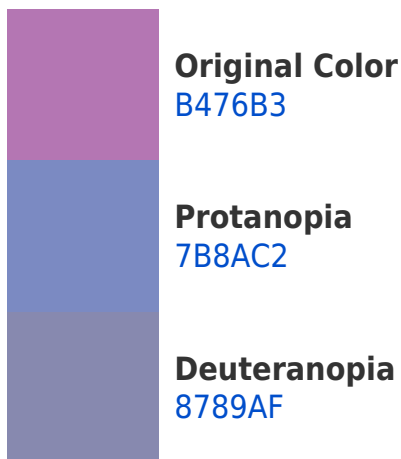


This preview shows how white text looks on a background with the Hex color B476B3.

# 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**  
AE7F88

# Trichromacy



**Original Color**  
B476B3



**Protanomaly**  
9083BD



**Deuteranomaly**  
9782B0

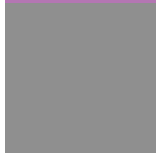


**Tritanomaly**  
B07C98

# Monochromacy



**Original Color**  
B476B3



**Achromatopsia**  
8F8F8F



**Achromatomaly**  
9C869C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B476B3 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 #B476B3 looks like.

```
.text, #text, p{  
    color:#B476B3  
}
```

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 #B476B3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B476B3
}
```

## Border

The CSS property to change the border of an element to Hex B476B3 is called "border". The border property can be set on classes, ids or directly on the HTML element.

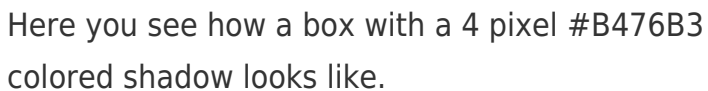
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B476B3 }
```

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

```
.border{ border-color:#B476B3 }
```

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



Here you see how a box with a 4 pixel #B476B3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B476B3; -webkit-box-shadow:4px 4px  
4px 4px #B476B3; box-shadow:4px 4px 4px  
4px #B476B3 }
```

# Background

The CSS property to change the background color of an element to Hex B476B3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B476B3 }
```

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

```
.background{ background-color:#B476B3 }
```

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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