

Converting Colors

Hex(B476BE)

Have a look what the booklet for
Hex(B476BE) contains.

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Color

Hex(B476BE)

Conversions

Conversions Part 1

Format	Color
Hex	B476BE
RGB	180, 118, 190
RGB Percent	71%, 46%, 75%
CMY	0.2941, 0.5373, 0.2549
CMYK	0.05, 0.38, 0.00, 0.25
HSL	292°, 36%, 60%
HSV	292°, 38%, 75%
XYZ	34.5951, 26.3779, 51.9833
YIQ	144.7460, 13.8400, 35.5360

Conversions

Conversions Part 2

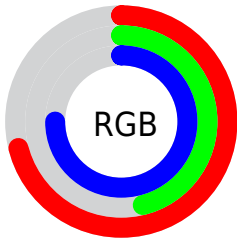
Format	Color
R_{YB}	180, 118, 190
Decimal	11826878
CIE Lab	58.39, 36.33, -28.05
CIE LCh	58, 45.898, 322.331
Yxy	26.3779, 0.3063, 0.2335
Android (android.graphics.Color)	4290016958 (0xFFB476BE)
YUV	144.7460, 22.3102, 30.9178
Hunter-Lab	51.3594, 30.3566, -24.0586

Details

The Hex color **B476BE** is a light color, and the websafe version is hex **996699**. A complement of this color would be **80BE76**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **EDABF7**, and **7E4488** is the 20% darker color. If you saturate the color by 10%, you get **B163BE**, and if you desaturate by 10%, it is **B789BE**.

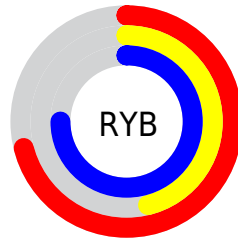
Distribution



Red (71%)

Green (46%)

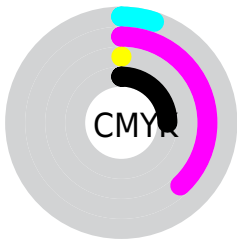
Blue (75%)



Red (71%)

Yellow (46%)

Blue (75%)

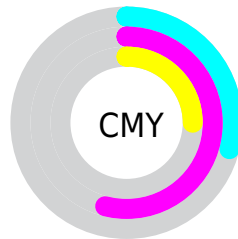


Cyan (5%)

Magenta (38%)

Yellow (0%)

Black (25%)



Cyan (29%)

Magenta (54%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Hex color B476BE 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 B476BE by changing the saturation by 10% instead.

 B476BE

 B476BE

FFFFFF

 995CA3

 EDABF7

 7E4488

 FFC7FF

 642B6F

 FFE3FF

 4B1356

 32003E

 1E0028

 000112

 000000

 B476BE

 B476BE

 B163BE

 B789BE

 AF50BE

 B99CBE

 AC3DBE

 BCAFBE

 A92ABE

 BFC2BE

 A717BE

 C1D5BE

 A404BE

 C4E8BE

 A400BE

 C6FBBE

 C9FFBE

 CCFFBE

Harmonies

Analogous

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



7E86D7



B476BE



D16B98

Triad

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



B476BE



AD873A



00A0AA

Complementary

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



B476BE



80BE76

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.



00A080



B476BE



86933E

Square

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



B476BE



C9784E



569C59



009DCB

Rectangle

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



B476BE



D86A7D



569C59



00A19C

Sweetspot

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



B476BE



F4DCF7



7681BE



7B6D7D



FCFCFC



7D7D7D

Same Dimension

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



B476BE



E888F7



BE76A5



5D555E



88009E



1A001F

Inverse Universe

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



BE7680



F78898



76BE8F



5E5556



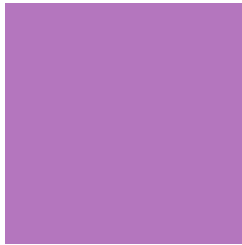
9E0016



1F0004

Previews

White Background



This preview shows how the Hex color B476BE looks on a white background.

Color Contrast Check

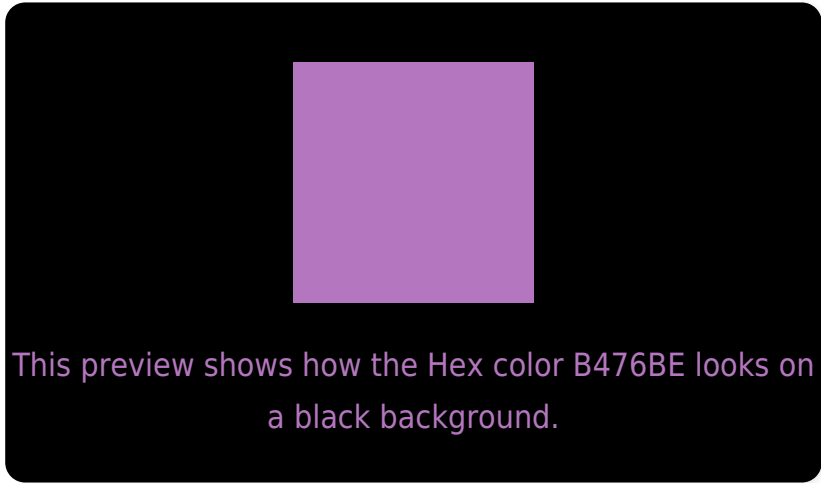
Large Text (above 18pt) WCAG AA ✓ Pass

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

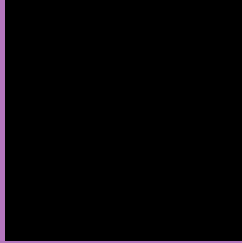
Any Text WCAG AA ✓ Pass

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 B476BE Background



This preview shows how black text looks on a background with the Hex color B476BE.

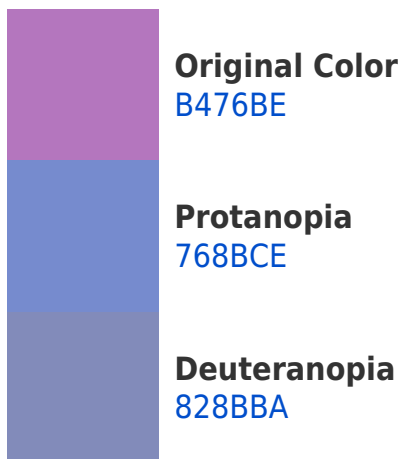



This preview shows how white text looks on a background with the Hex color B476BE.

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](#).

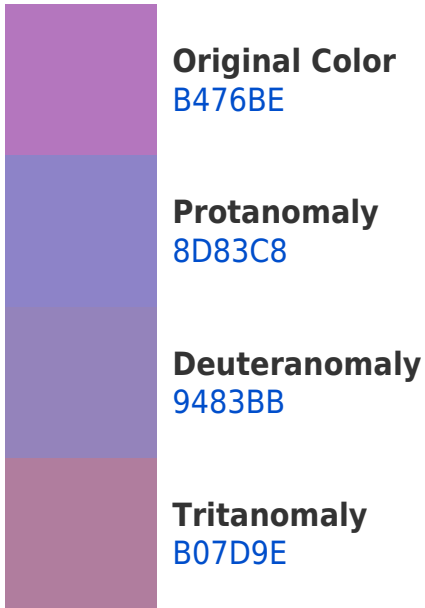
Dichromacy



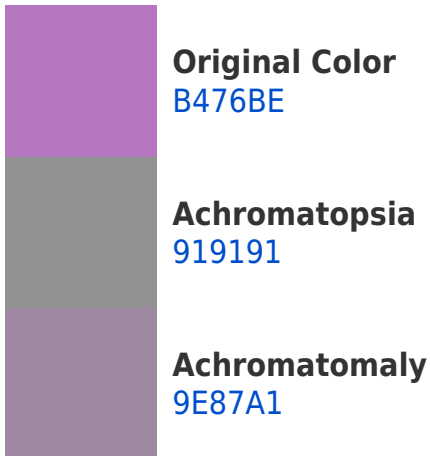


Tritanopia
AD818B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B476BE 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 #B476BE looks like.

```
.text, #text, p{  
    color:#B476BE  
}
```

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 #B476BE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B476BE
}
```

Border

The CSS property to change the border of an element to Hex B476BE is called "border". The border property can be set on classes, ids or directly on the HTML element.

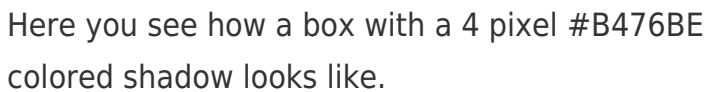
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B476BE }
```

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

```
.border{ border-color:#B476BE }
```

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



Here you see how a box with a 4 pixel #B476BE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B476BE; -webkit-box-shadow:4px 4px  
4px 4px #B476BE; box-shadow:4px 4px 4px  
4px #B476BE }
```

Background

The CSS property to change the background color of an element to Hex B476BE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B476BE }
```

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

```
.background{ background-color:#B476BE }
```

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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