

# Converting Colors

Hex(B46A9F)

Have a look what the booklet for  
Hex(B46A9F) contains.

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**Color**

**Hex(B46A9F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B46A9F
RGB	180, 106, 159
RGB Percent	71%, 42%, 62%
CMY	0.2941, 0.5843, 0.3765
CMYK	0.00, 0.41, 0.12, 0.29
HSL	317°, 33%, 56%
HSV	317°, 41%, 71%
XYZ	30.2344, 22.5146, 35.5531
YIQ	134.1680, 27.0910, 32.1710

# Conversions

## Conversions Part 2

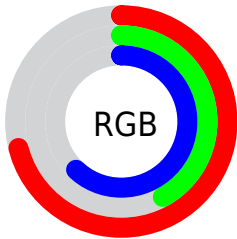
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	180, 106, 159
Decimal	11823775
CIE <sub>Lab</sub>	54.57, 37.14, -16.05
CIE <sub>LCh</sub>	55, 40.461, 336.627
Yxy	22.5146, 0.3424, 0.2550
Android (android.graphics.Color)	4290013855 (0xFFB46A9F)
YUV	134.1680, 12.2422, 40.1947
Hunter-Lab	47.4495, 30.7020, -11.2103

# Details

The Hex color **B46A9F** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **6AB47F**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **ED9FD6**, and **7E386B** is the 20% darker color. If you saturate the color by 10%, you get **B4589A**, and if you desaturate by 10%, it is **B47CA4**.

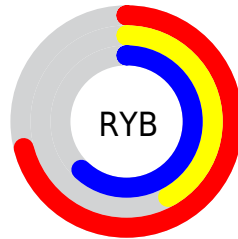
# Distribution



Red (71%)

Green (42%)

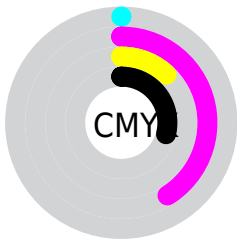
Blue (62%)



Red (71%)

Yellow (42%)

Blue (62%)

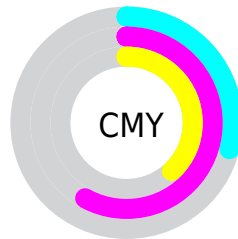


Cyan (0%)

Magenta (41%)

Yellow (12%)

Black (29%)



Cyan (29%)

Magenta (58%)

Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B46A9F 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 B46A9F by changing the saturation by 10% instead.





B46A9F



B46A9F

FFFFFF



985185



ED9FD6



7E386B



FFBAF2



631F53



FFD6FF



4A023C



FFF3FF



320026



170010



000000



B46A9F



B46A9F



B4589A



B47CA4

 B44695

 B48EA9

 B43490

 B4A0AE

 B4228B

 B4B2B3

 B41085

 B4C4B9

 B40081

 B4D6BE

 B4E8C3

 B4FAC8

 B4FFCD

# Harmonies

## Analogous

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



9076BB



B46A9F



C4657C

# Triad

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



B46A9F



90833B



0093AB

# Complementary

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



B46A9F



6AB47F

# 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.



009489



B46A9F



6B8D48

# Square

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



B46A9F



AE7742



3B9266



008EC2

# Rectangle

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



B46A9F



C46865



3B9266



0094A1



# Sweetspot

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



B46A9F



EBCEE3



7F6AB4



756571



F5F5F5



757575



# Same Dimension

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



B46A9F



EB78CA



B46A7A



595057



99006E



1A0012



# Inverse Universe

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



B46A9F



EB78CA



6AB4A4



595057



99006E

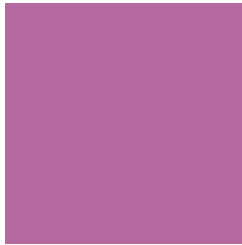


1A0012



# Previews

## White Background



This preview shows how the Hex color B46A9F looks on a white background.

## Color Contrast Check

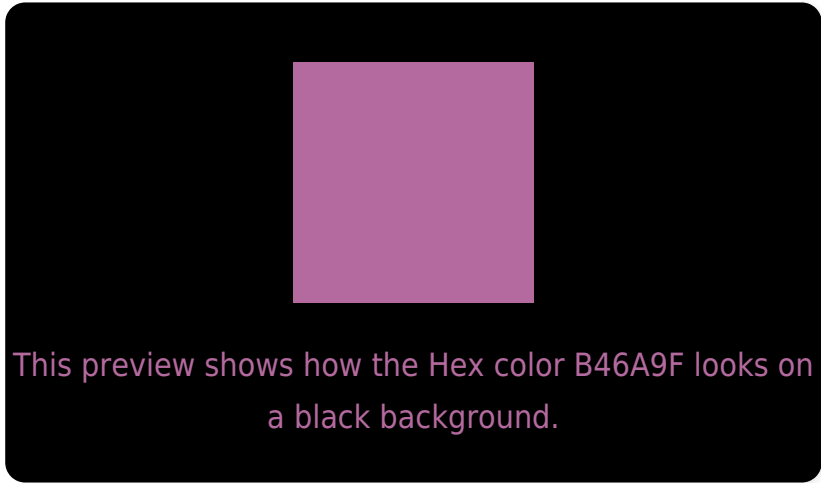
Large Text (above 18pt) WCAG AA ✓ Pass

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 B46A9F Background



This preview shows how black text looks on a background with the Hex color B46A9F.



This preview shows how white text looks on a background with the Hex color B46A9F.

# 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](#).

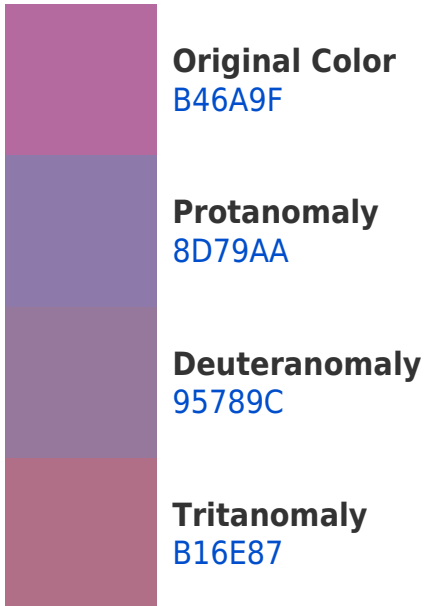
## Dichromacy



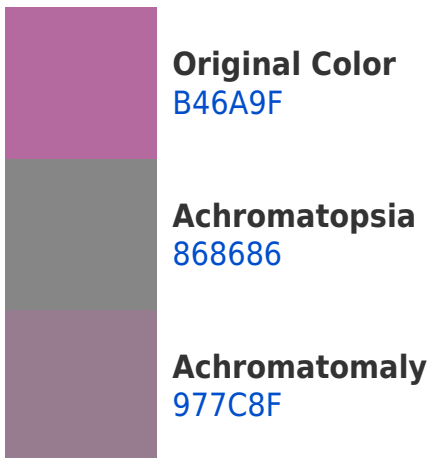


**Tritanopia**  
B0717A

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B46A9F 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 #B46A9F looks like.

```
.text, #text, p{  
    color:#B46A9F  
}
```

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 #B46A9F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B46A9F
}
```

## Border

The CSS property to change the border of an element to Hex B46A9F is called "border". The border property can be set on classes, ids or directly on the HTML element.

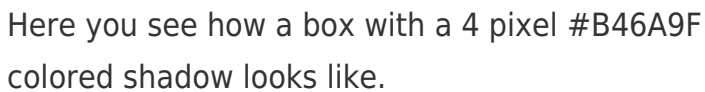
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B46A9F }
```

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

```
.border{ border-color:#B46A9F }
```

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



Here you see how a box with a 4 pixel #B46A9F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B46A9F; -webkit-box-shadow:4px 4px  
4px 4px #B46A9F; box-shadow:4px 4px 4px  
4px #B46A9F }
```

# Background

The CSS property to change the background color of an element to Hex B46A9F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B46A9F }
```

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

```
.background{ background-color:#B46A9F }
```

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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