

# Converting Colors

Hex(B496B5)

Have a look what the booklet for  
Hex(B496B5) contains.

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# **Color**

**Hex(B496B5)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B496B5
RGB	180, 150, 181
RGB Percent	71%, 59%, 71%
CMY	0.2941, 0.4118, 0.2902
CMYK	0.01, 0.17, 0.00, 0.29
HSL	298°, 17%, 65%
HSV	298°, 17%, 71%
XYZ	38.0692, 34.8522, 48.4367
YIQ	162.5040, 7.9290, 16.0010

# Conversions

## Conversions Part 2

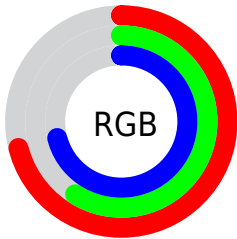
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	180, 150, 181
Decimal	11835061
CIE <sub>Lab</sub>	65.63, 16.70, -11.93
CIE <sub>LCh</sub>	66, 20.520, 324.460
Yxy	34.8522, 0.3137, 0.2872
Android (android.graphics.Color)	4290025141 (0xFFB496B5)
YUV	162.5040, 9.1185, 15.3440
Hunter-Lab	59.0357, 11.7933, -7.3203

# Details

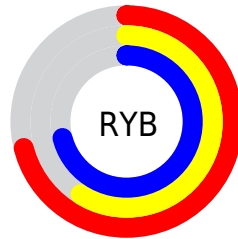
The Hex color **B496B5** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **97B596**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **ECCCED**, and **7F6380** is the 20% darker color. If you saturate the color by 10%, you get **B384B5**, and if you desaturate by 10%, it is **B5A8B5**.

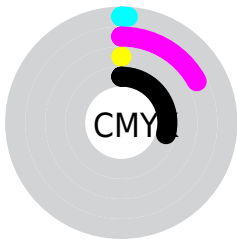
# Distribution



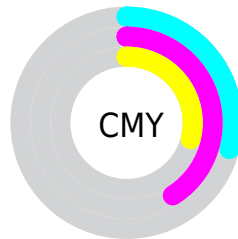
- Red (71%)
- Green (59%)
- Blue (71%)



- Red (71%)
- Yellow (59%)
- Blue (71%)



- Cyan (1%)
- Magenta (17%)
- Yellow (0%)
- Black (29%)



- Cyan (29%)
- Magenta (41%)
- Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B496B5 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 B496B5 by changing the saturation by 10% instead.



 B496B5

 B496B5

FFFFFF

 997C9A

 ECCCED

 7F6380

 FFE8FF

 664B67

 4D344F

 361E38

 210923

 00000B

 000000

 B496B5

 B496B5

 B384B5

 B5A8B5

 B372B5

 B5BAB5

 B260B5

 B6CCB5

 B24EB5

 B6DEB5

 B13CB5

 B7F1B5

 B029B5

 B8FFB5

 B017B5

 B9FFB5

 AF05B5

 AF00B5

# Harmonies

## Analogous

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



9E9CC1



B496B5



C293A4

# Triad

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



B496B5



B19D7B



6CAA AE

# Complementary

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



B496B5



97B596

# 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.



76AA9B



B496B5



9DA37E

# Square

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



B496B5



BF9782



88A78A



72A7BD

# Rectangle

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



B496B5



C59297



88A78A



6EAAA8



# Sweetspot

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



B496B5



EADFEB



9697B5



756E75



F5F5F5



757575



# Same Dimension

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



B496B5



E9B9EB



B596A7



595059



940099



19001A



# Inverse Universe

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



B59697



EBB9BB



96B5A4



595051



990005

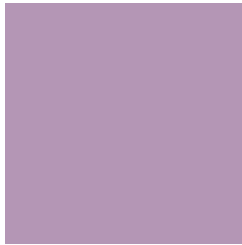


1A0001



# Previews

## White Background



This preview shows how the Hex color B496B5 looks on a white background.

## Color Contrast Check

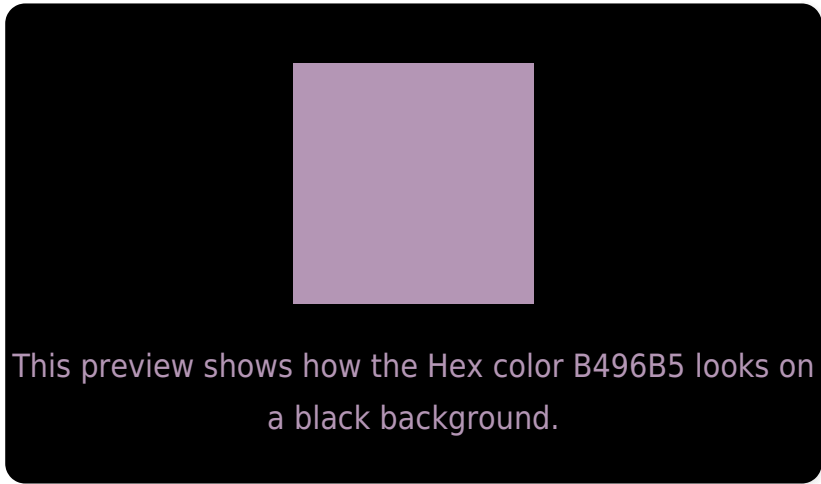
Large Text (above 18pt) WCAG AA × Fail

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

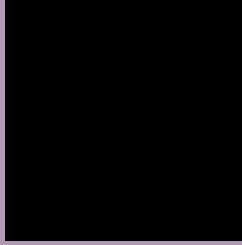
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex B496B5 Background



This preview shows how black text looks on a background with the Hex color B496B5.



This preview shows how white text looks on a background with the Hex color B496B5.

# 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**  
B299A5

# Trichromacy



**Original Color**  
B496B5

**Protanomaly**  
A39BB8

**Deuteranomaly**  
AB99B4

**Tritanomaly**  
B398AB

# Monochromacy



**Original Color**  
B496B5

**Achromatopsia**  
A3A3A3

**Achromatomaly**  
A99EAA

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B496B5 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 #B496B5 looks like.

```
.text, #text, p{  
    color:#B496B5  
}
```

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 #B496B5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B496B5
}
```

## Border

The CSS property to change the border of an element to Hex B496B5 is called "border". The border property can be set on classes, ids or directly on the HTML element.

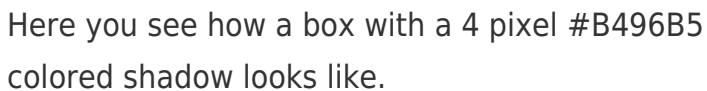
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B496B5 }
```

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

```
.border{ border-color:#B496B5 }
```

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



Here you see how a box with a 4 pixel #B496B5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B496B5; -webkit-box-shadow:4px 4px  
4px 4px #B496B5; box-shadow:4px 4px 4px  
4px #B496B5 }
```

# Background

The CSS property to change the background color of an element to Hex B496B5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B496B5 }
```

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

```
.background{ background-color:#B496B5 }
```

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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