

# Converting Colors

Hex(B686B6)

Have a look what the booklet for  
Hex(B686B6) contains.

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# **Color**

**Hex(B686B6)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B686B6
RGB	182, 134, 182
RGB Percent	71%, 53%, 71%
CMY	0.2863, 0.4745, 0.2863
CMYK	0.00, 0.26, 0.00, 0.29
HSL	300°, 25%, 62%
HSV	300°, 26%, 71%
XYZ	36.2600, 30.3727, 48.2074
YIQ	153.8240, 13.2000, 25.1040

# Conversions

## Conversions Part 2

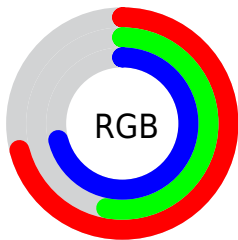
Format	Color
<a href="#">RYB</a>	<a href="#">182, 134, 182</a>
Decimal	<a href="#">11962038</a>
CIELab	<a href="#">61.97, 26.54, -18.00</a>
CIELCh	<a href="#">62, 32.062, 325.857</a>
Yxy	<a href="#">30.3727, 0.3157, 0.2645</a>
Android (android.graphics.Color)	<a href="#">4290152118 (0xFFB686B6)</a>
YUV	<a href="#">153.8240, 13.8908, 24.7104</a>
Hunter-Lab	<a href="#">55.1114, 20.9973, -13.2845</a>

# Details

The Hex color **B686B6** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **86B686**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **EEBCEE**, and **805481** is the 20% darker color. If you saturate the color by 10%, you get **B674B6**, and if you desaturate by 10%, it is **B698B6**.

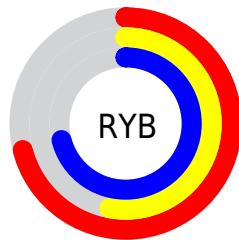
# Distribution



Red (71%)

Green (53%)

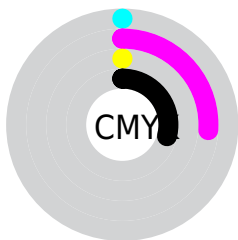
Blue (71%)



Red (71%)

Yellow (53%)

Blue (71%)

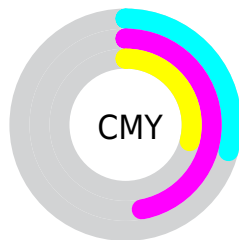


Cyan (0%)

Magenta (26%)

Yellow (0%)

Black (29%)



Cyan (29%)

Magenta (47%)

Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B686B6 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 B686B6 by changing the saturation by 10% instead.



 B686B6

 B686B6

FFFFFF

 9B6C9B

 EEBCEE

 805481

 FFD8FF

 673C68

 FFF4FF

 4E2550

 360E39

 220023


 00000A

 000000

 B686B6

 B686B6

 B674B6

 B698B6

 B662B6

 B6AAB6

 B64FB6

 B6BDB6

 B63DB6

 B6CFB6

 B62BB6

 B6E1B6

 B619B6

 B6F3B6

 B607B6

 B6FFB6

 B600B6

# Harmonies

## Analogous

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



9490C9



B686B6



CA809B

# Triad

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



B686B6



AC935D



2DA5AE

# Complementary

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



B686B6



86B686

# 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.



4BA591



B686B6



8F9C62

# Square

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



B686B6



C28968



6EA275



3BA1C4

# Rectangle

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



B686B6



CE8088



6EA275



34A5A4



# Sweetspot

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



B686B6



EDDAED



8686B6



786C78



F7F7F7



787878



# Same Dimension

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



B686B6



EDA1ED



B6869E



5C535C



9C009C



1C001C



# Inverse Universe

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



B686B6



EDA1ED



86B69E



5C535C



9C009C

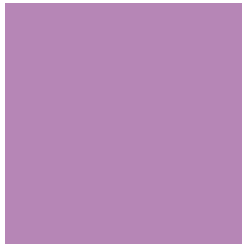


1C001C



# Previews

## White Background



This preview shows how the Hex color B686B6 looks on a white background.

## Color Contrast Check

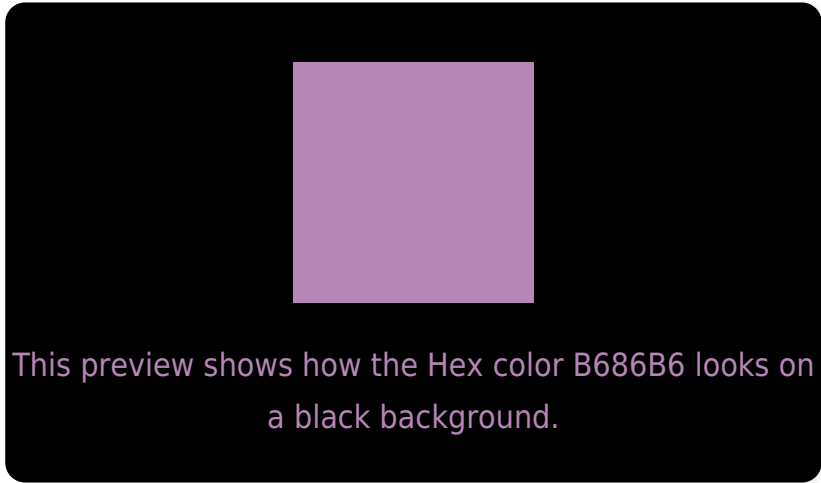
Large Text (above 18pt) WCAG AA × Fail

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

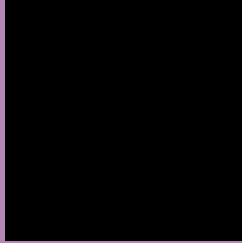
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex B686B6 Background



This preview shows how black text looks on a background with the Hex color B686B6.



This preview shows how white text looks on a background with the Hex color B686B6.

# 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



**Original Color**  
B686B6

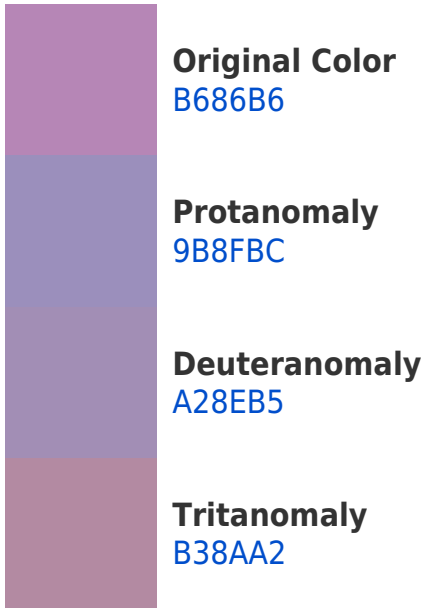
**Protanopia**  
8B94C0

**Deuteranopia**  
9693B4

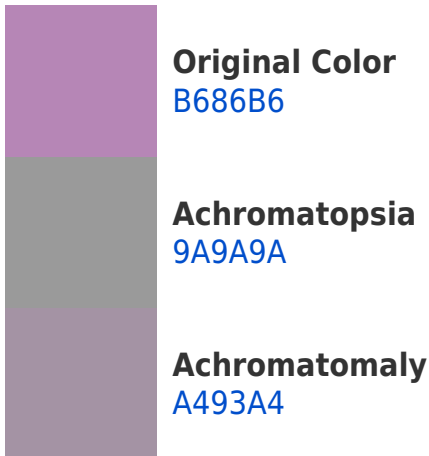


**Tritanopia**  
B28C97

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B686B6 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 #B686B6 looks like.

```
.text, #text, p{  
    color:#B686B6  
}
```

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 #B686B6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B686B6
}
```

## Border

The CSS property to change the border of an element to Hex B686B6 is called "border". The border property can be set on classes, ids or directly on the HTML element.

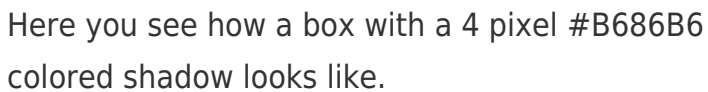
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B686B6 }
```

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

```
.border{ border-color:#B686B6 }
```

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



Here you see how a box with a 4 pixel #B686B6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B686B6; -webkit-box-shadow:4px 4px  
4px 4px #B686B6; box-shadow:4px 4px 4px  
4px #B686B6 }
```

# Background

The CSS property to change the background color of an element to Hex B686B6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B686B6 }
```

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

```
.background{ background-color:#B686B6 }
```

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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