

# Converting Colors

Hex(B5ABB8)

Have a look what the booklet for  
Hex(B5ABB8) contains.

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# **Color**

**Hex(B5ABB8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B5ABB8
RGB	181, 171, 184
RGB Percent	71%, 67%, 72%
CMY	0.2902, 0.3294, 0.2784
CMYK	0.02, 0.07, 0.00, 0.28
HSL	286°, 8%, 70%
HSV	286°, 7%, 72%
XYZ	42.2707, 42.4103, 51.3055
YIQ	175.4720, 1.7870, 6.1630

# Conversions

## Conversions Part 2

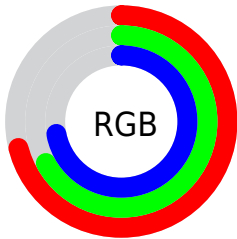
Format	Color
<a href="#">RYB</a>	<a href="#">181, 171, 184</a>
Decimal	<a href="#">11905976</a>
CIELab	<a href="#">71.15, 6.00, -5.37</a>
CIElCh	<a href="#">71, 8.048, 318.160</a>
Yxy	<a href="#">42.4103, 0.3108, 0.3119</a>
Android (android.graphics.Color)	<a href="#">4290096056</a> ( <a href="#">0xFFB5ABB8</a> )
YUV	<a href="#">175.4720, 4.2043, 4.8481</a>
Hunter-Lab	<a href="#">65.1232, 1.8967, -1.1238</a>

# Details

The Hex color **B5ABB8** is a light color, and the websafe version is hex **999999**. A complement of this color would be **AEB8AB**, and the grayscale version is **AFAFAF**.

A 20% lighter version of the original color is **EDE2F0**, and **807783** is the 20% darker color. If you saturate the color by 10%, you get **B199B8**, and if you desaturate by 10%, it is **B9BDB8**.

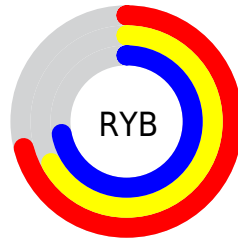
# Distribution



Red (71%)

Green (67%)

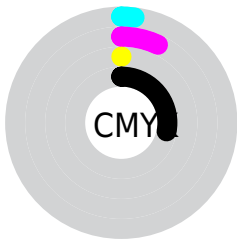
Blue (72%)



Red (71%)

Yellow (67%)

Blue (72%)

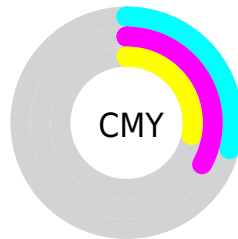


Cyan (2%)

Magenta (7%)

Yellow (0%)

Black (28%)



Cyan (29%)

Magenta (33%)

Yellow (28%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B5ABB8 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 B5ABB8 by changing the saturation by 10% instead.



 B5ABB8

 B5ABB8

FFFFFF

 9A909D

 EDE2F0

 807783

 675E6A

 4F4752

 38303B

 231B25

 0D0010

 000000

 B5ABB8

 B5ABB8

 B199B8

 B9BDB8

 AD86B8

 BDD0B8

 A874B8

 C2E2B8

 A461B8

 C6F5B8

 A04FB8

 CAFFB8

 9C3DB8

 CEFFB8

 972AB8

 D3FFB8

 9318B8

 D7FFB8

 8F05B8

 DBFFB8

# Harmonies

## Analogous

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



ACADBC



B5ABB8



BCAAB1

# Triad

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



B5ABB8



B7ADA0



9CB3B2

# Complementary

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



B5ABB8



AEB8AB

# 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.



A0B2AB



B5ABB8



B0AFA0

# Square

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



B5ABB8



BDABA4



A7B1A4



9EB2B9

# Rectangle

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



B5ABB8



BEA9AC



A7B1A4



9DB3B0



# Sweetspot

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



B5ABB8



EFEBF0



ABAEB8



777578



F7F7F7



787878



# Same Dimension

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



B5ABB8



EBDDF0



B8ABB5



5A535C



78009C



16001C



# Inverse Universe

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



B8ABAE



F0DDE1



ABB8AE



5C5355



9C0024

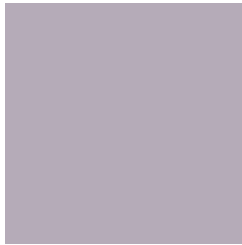


1C0006



# Previews

## White Background



This preview shows how the Hex color B5ABB8 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



This preview shows how the Hex color B5ABB8 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

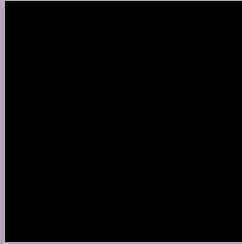
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex B5ABB8 Background



This preview shows how black text looks on a background with the Hex color B5ABB8.



This preview shows how white text looks on a background with the Hex color B5ABB8.

# 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**  
B5ABB8

**Protanopia**  
AEADB9

**Deuteranopia**  
BAA9B8



**Tritanopia**  
B5ABB8

# Trichromacy



**Original Color**  
B5ABB8

**Protanomaly**  
B1ACB9

**Deuteranomaly**  
B8AAB8

**Tritanomaly**  
B5ABB8

# Monochromacy



**Original Color**  
B5ABB8

**Achromatopsia**  
AFAFAF

**Achromatomaly**  
B1AEB2

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B5ABB8 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 #B5ABB8 looks like.

```
.text, #text, p{  
    color:#B5ABB8  
}
```

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 #B5ABB8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B5ABB8  
}
```

## Border

The CSS property to change the border of an element to Hex B5ABB8 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  
#B5ABB8 }
```

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

```
.border{ border-color:#B5ABB8 }
```

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

Here you see how a box with a 4 pixel #B5ABB8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B5ABB8; -webkit-box-shadow:4px 4px  
4px 4px #B5ABB8; box-shadow:4px 4px 4px  
4px #B5ABB8 }
```

# Background

The CSS property to change the background color of an element to Hex B5ABB8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B5ABB8 }
```

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

```
.background{ background-color:#B5ABB8 }
```

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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