

# Converting Colors

Hex(B4BAD3)

Have a look what the booklet for  
Hex(B4BAD3) contains.

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# Color

**Hex(B4BAD3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B4BAD3
RGB	180, 186, 211
RGB Percent	71%, 73%, 83%
CMY	0.2941, 0.2706, 0.1725
CMYK	0.15, 0.12, 0.00, 0.17
HSL	228°, 26%, 77%
HSV	228°, 15%, 83%
XYZ	48.1392, 49.5243, 68.6499
YIQ	187.0560, -11.6010, 6.5030

# Conversions

## Conversions Part 2

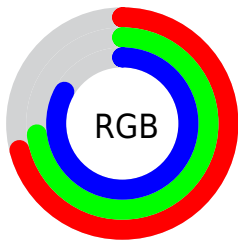
Format	Color
R <sub>Y</sub> B	180, 185, 211
Decimal	11844307
CIE Lab	75.78, 2.97, -13.26
CIE LCh	76, 13.590, 282.619
Yxy	49.5243, 0.2894, 0.2978
Android (android.graphics.Color)	4290034387 (0xFFB4BAD3)
YUV	187.0560, 11.8044, -6.1881
Hunter-Lab	70.3735, -1.0502, -8.5765

# Details

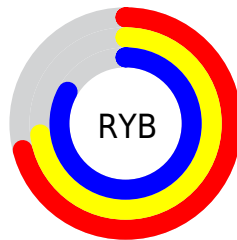
The Hex color **B4BAD3** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **D3CDB4**, and the grayscale version is **BBBBBB**.

A 20% lighter version of the original color is **ECF2FF**, and **7F859C** is the 20% darker color. If you saturate the color by 10%, you get **9FA9D3**, and if you desaturate by 10%, it is **C9CBD3**.

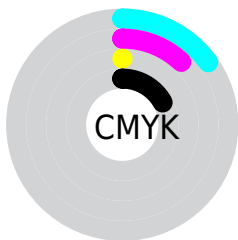
# Distribution



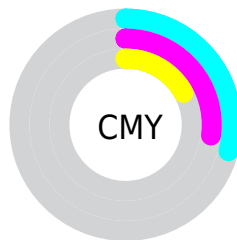
- Red (71%)
- Green (73%)
- Blue (83%)



- Red (71%)
- Yellow (73%)
- Blue (83%)



- Cyan (15%)
- Magenta (12%)
- Yellow (0%)
- Black (17%)



- Cyan (29%)
- Magenta (27%)
- Yellow (17%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B4BAD3 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 B4BAD3 by changing the saturation by 10% instead.



 B4BAD3

 B4BAD3

FFFFFF

 999FB7

 ECF2FF

 7F859C

 666C82

 4D5469

 363D51

 20273A

 0B1224

 00010E

 000000

 B4BAD3

 B4BAD3

 9FA9D3

 C9CBD3

 8A98D3

 DEDCD3

 7587D3

 F3EDD3

 6076D3

 FFFED3

 4B65D3

 FFFFD3

 3554D3

 2043D3

 0B32D3

 0029D3

# Harmonies

## Analogous

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



A5BED2



B4BAD3



C4B6CD

# Triad

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



B4BAD3



D4B4AA



A4C2B3

# Complementary

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



B4BAD3



D3CDB4

# 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.



**B1BFA8**



**B4BAD3**



**CCB7A3**

# Square

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



B4BAD3



D5B2B6



BFBCA2



9CC2C0

# Rectangle

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



B4BAD3



CCB4C6



BFBCA2



A8C1AF



# Sweetspot

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



B4BAD3



F5F7FF



B4D3CD



797A80



000000



808080



# Same Dimension

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



B4BAD3



D1DAFF



BDB4D3



5E6069



0021A8



000829



# Inverse Universe

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



D3B4BA



FFD1DA



CAD3B4



695E60



A80021

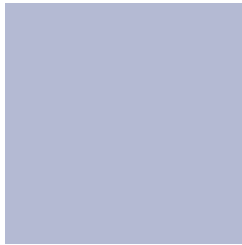


290008



# Previews

## White Background



This preview shows how the Hex color B4BAD3 looks on a white background.

## Color Contrast Check

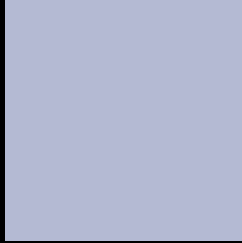
Large Text (above 18pt) WCAG AA × Fail

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 B4BAD3 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

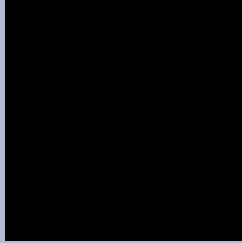
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex B4BAD3 Background



This preview shows how black text looks on a background with the Hex color B4BAD3.



This preview shows how white text looks on a background with the Hex color B4BAD3.

# 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**  
B4BAD3

**Protanopia**  
B7B9D2

**Deuteranopia**  
C1B6D4



# Trichromacy



**Original Color**  
B4BAD3

**Protanomaly**  
B6B9D2

**Deuteranomaly**  
BCB7D4

**Tritanomaly**  
B3BBCD

# Monochromacy



**Original Color**  
B4BAD3

**Achromatopsia**  
BBBBBB

**Achromatomaly**  
B8BBC4

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B4BAD3 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 #B4BAD3 looks like.

```
.text, #text, p{  
    color:#B4BAD3  
}
```

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 #B4BAD3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B4BAD3  
}
```

## Border

The CSS property to change the border of an element to Hex B4BAD3 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  
#B4BAD3 }
```

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

```
.border{ border-color:#B4BAD3 }
```

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

Here you see how a box with a 4 pixel #B4BAD3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B4BAD3; -webkit-box-shadow:4px 4px  
4px 4px #B4BAD3; box-shadow:4px 4px 4px  
4px #B4BAD3 }
```

# Background

The CSS property to change the background color of an element to Hex B4BAD3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B4BAD3 }
```

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

```
.background{ background-color:#B4BAD3 }
```

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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