

# Converting Colors

Hex(B4CAD1)

Have a look what the booklet for  
Hex(B4CAD1) contains.

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# **Color**

**Hex(B4CAD1)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B4CAD1
RGB	180, 202, 209
RGB Percent	71%, 79%, 82%
CMY	0.2941, 0.2078, 0.1804
CMYK	0.14, 0.03, 0.00, 0.18
HSL	194°, 24%, 76%
HSV	194°, 14%, 82%
XYZ	51.4515, 56.5478, 68.5246
YIQ	196.2200, -15.3590, -2.4870

# Conversions

## Conversions Part 2

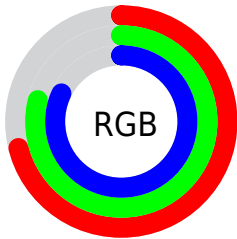
<b>Format</b>	<b>Color</b>
<b>RYB</b>	180, 193, 209
Decimal	11848401
CIELab	79.92, -5.97, -6.01
CIELCh	80, 8.469, 225.160
Yxy	56.5478, 0.2915, 0.3203
Android (android.graphics.Color)	4290038481 (0xFFB4CAD1)
YUV	196.2200, 6.3005, -14.2249
Hunter-Lab	75.1983, -9.4652, -1.3894

# Details

The Hex color **B4CAD1** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **D1BBB4**, and the grayscale version is **C4C4C4**.

A 20% lighter version of the original color is **ECFFFF**, and **7F949B** is the 20% darker color. If you saturate the color by 10%, you get **9FC5D1**, and if you desaturate by 10%, it is **C9CFD1**.

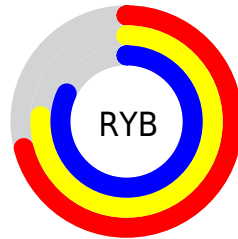
# Distribution



Red (71%)

Green (79%)

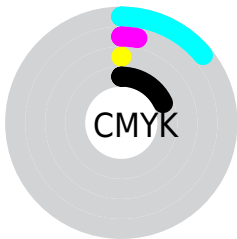
Blue (82%)



Red (71%)

Yellow (76%)

Blue (82%)

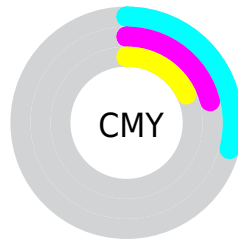


Cyan (14%)

Magenta (3%)

Yellow (0%)

Black (18%)



Cyan (29%)

Magenta (21%)

Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B4CAD1 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 B4CAD1 by changing the saturation by 10% instead.



 B4CAD1

 B4CAD1

FFFFFF

 99AFB5

 ECFFFF

 7F949B

 667A81

 4D6168

 364A50

 203339

 0A1E23

 00010E

 000000

 B4CAD1

 B4CAD1

 9FC5D1

 C9CFD1

 8AC0D1

 DED4D1

 75BBD1

 F3D9D1

 60B6D1

 FFDED1

 4CB1D1

 FFE3D1

 37ACD1

 FFE8D1

 22A7D1

 FFEDD1

 0DA2D1

 FFF2D1

 009FD1

 FFF7D1

# Harmonies

## Analogous

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



B3BCBA



B4CAD1



BAC8D5

# Triad

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



B4CAD1



D4C1CA



C9C7B7

# Complementary

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



B4CAD1



D1BBB4

# 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.



D1C4B7



B4CAD1



D7C1C2

# Square

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



B4CAD1



CDC3D1



D6C2BB



BFC9BB

# Rectangle

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



B4CAD1



C0C6D6



D6C2BB



CBC6B6

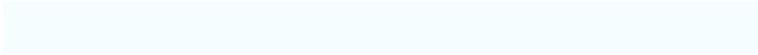


# Sweetspot

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



B4CAD1



F5DFFF



B4D1BB



797E80



000000



808080

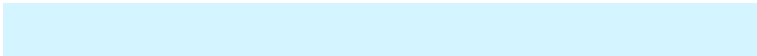


# Same Dimension

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



B4CAD1



D4F5FF



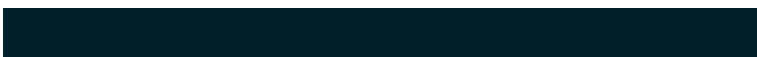
B4BCD1



5E6669



0080A8



001F29



# Inverse Universe

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



D1B4CA



FFD4F5



D1C9B4



695E66



A80080

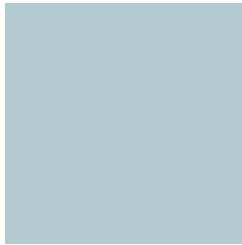


29001F



# Previews

## White Background



This preview shows how the Hex color B4CAD1 looks on a white background.

## Color Contrast Check

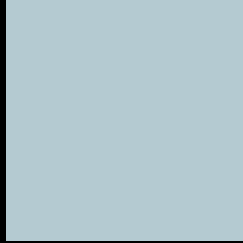
Large Text (above 18pt) WCAG AA × Fail

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 B4CAD1 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

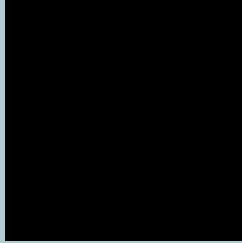
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

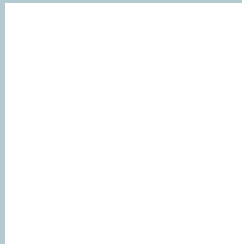
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex B4CAD1 Background



This preview shows how black text looks on a background with the Hex color B4CAD1.

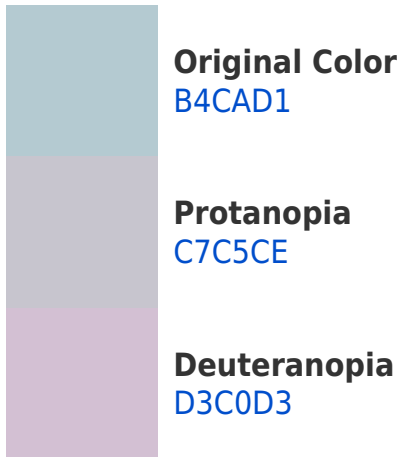


This preview shows how white text looks on a background with the Hex color B4CAD1.

# 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](#).

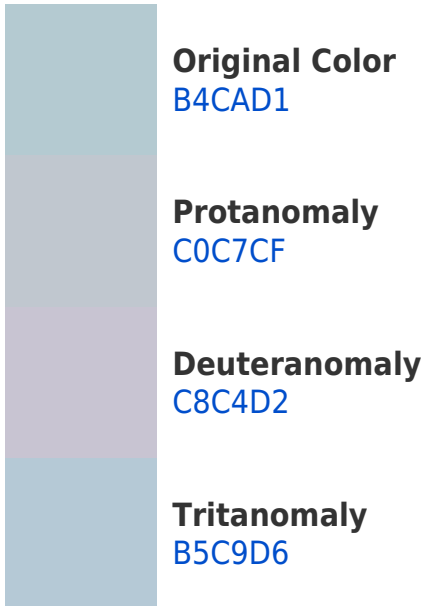
## Dichromacy



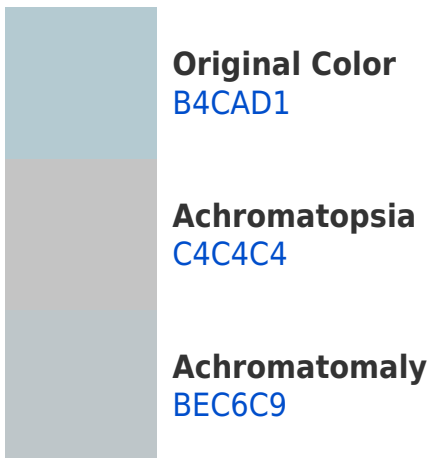


**Tritanopia**  
B5C9D9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B4CAD1 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 #B4CAD1 looks like.

```
.text, #text, p{  
    color:#B4CAD1  
}
```

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 #B4CAD1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B4CAD1  
}
```

## Border

The CSS property to change the border of an element to Hex B4CAD1 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  
#B4CAD1 }
```

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

```
.border{ border-color:#B4CAD1 }
```

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

Here you see how a box with a 4 pixel #B4CAD1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B4CAD1; -webkit-box-shadow:4px 4px  
4px 4px #B4CAD1; box-shadow:4px 4px 4px  
4px #B4CAD1 }
```

# Background

The CSS property to change the background color of an element to Hex B4CAD1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B4CAD1 }
```

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

```
.background{ background-color:#B4CAD1 }
```

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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