

# Converting Colors

Hex(B3D4D9)

Have a look what the booklet for  
Hex(B3D4D9) contains.

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# **Color**

**Hex(B3D4D9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B3D4D9
RGB	179, 212, 217
RGB Percent	70%, 83%, 85%
CMY	0.2980, 0.1686, 0.1490
CMYK	0.18, 0.02, 0.00, 0.15
HSL	188°, 33%, 78%
HSV	188°, 18%, 85%
XYZ	54.6583, 61.6804, 74.6704
YIQ	202.7030, -21.2730, -5.4410

# Conversions

## Conversions Part 2

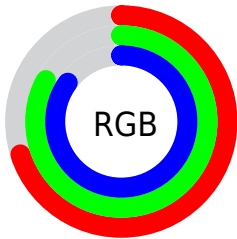
<b>Format</b>	<b>Color</b>
<b>RYB</b>	179, 197, 217
Decimal	11785433
CIELab	82.74, -9.83, -6.12
CIELCh	83, 11.578, 211.933
Yxy	61.6804, 0.2862, 0.3229
Android (android.graphics.Color)	4289975513 (0xFFB3D4D9)
YUV	202.7030, 7.0484, -20.7875
Hunter-Lab	78.5369, -13.2113, -1.3952

# Details

The Hex color **B3D4D9** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **D9B8B3**, and the grayscale version is **CBCBCB**.

A 20% lighter version of the original color is **EBFFFF**, and **7E9DA2** is the 20% darker color. If you saturate the color by 10%, you get **9DD1D9**, and if you desaturate by 10%, it is **C9D7D9**.

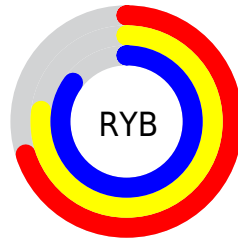
# Distribution



Red (70%)

Green (83%)

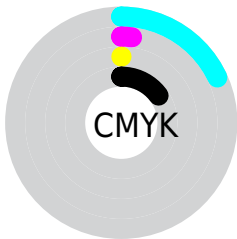
Blue (85%)



Red (70%)

Yellow (77%)

Blue (85%)

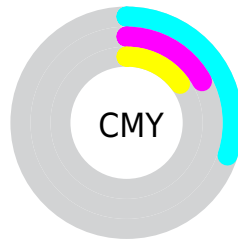


Cyan (18%)

Magenta (2%)

Yellow (0%)

Black (15%)



Cyan (30%)

Magenta (17%)

Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B3D4D9 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 B3D4D9 by changing the saturation by 10% instead.



 B3D4D9

 B3D4D9

FFFFFF

 98B8BD

 EBFFFF

 7E9DA2

 648388

 4C6A6F

 345256

 1D3B3F

 052529

 001115

 000000

 B3D4D9

 B3D4D9

 9DD1D9

 C9D7D9

 88CED9

 DEDAD9

 72CBD9

 F4DDD9

 5CC9D9

 FFD9D9

 46C6D9

 FFE2D9

 31C3D9

 FFE5D9

 1BC0D9

 FFE8D9

 05BDD9

 FFE9D9

 00BCD9

 FFEED9

# Harmonies

## Analogous

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



B5D5CE



B3D4D9



B8D2E1

# Triad

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



B3D4D9



DDC8D8



D6CDB8

# Complementary

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



B3D4D9



D9B8B3

# 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.



E0CABB



B3D4D9



E4C7CE

# Square

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



B3D4D9



D1CBE0



E5C7C3



CAD1BB

# Rectangle

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



B3D4D9



BFD0E3



E5C7C3



DACCB9

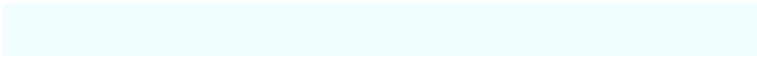


# Sweetspot

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



B3D4D9



F2FDFF



B3D9B7



787E80



000000



808080

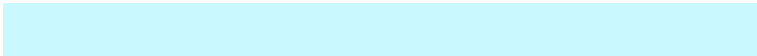


# Same Dimension

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



B3D4D9



C9F8FF



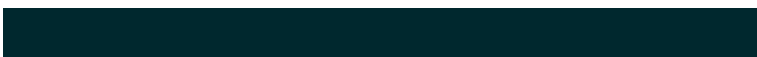
B3C2D9



636C6E



0097AD



00282E



# Inverse Universe

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



D9B3D4



FFC9F8



D9CAB3



6E636C



AD0097

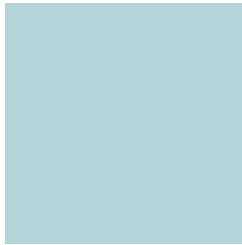


2E0028



# Previews

## White Background



This preview shows how the Hex color B3D4D9 looks on a white background.

## Color Contrast Check

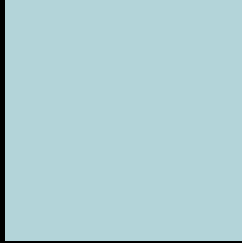
Large Text (above 18pt) WCAG AA × Fail

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 B3D4D9 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

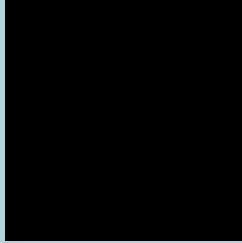
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

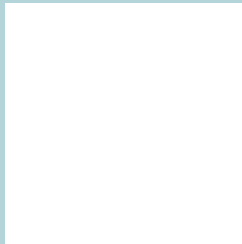
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex B3D4D9 Background



This preview shows how black text looks on a background with the Hex color B3D4D9.

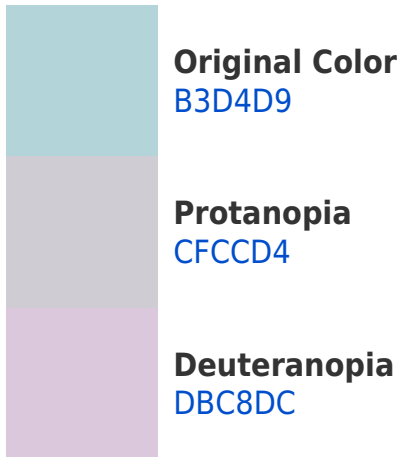


This preview shows how white text looks on a background with the Hex color B3D4D9.

# 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](#).

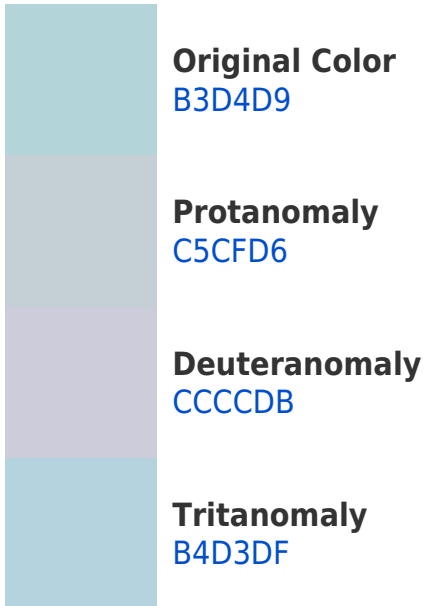
## Dichromacy



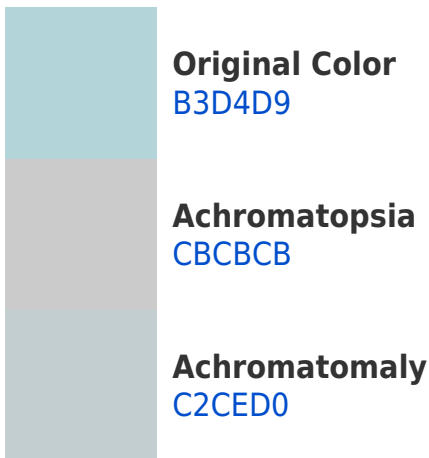


**Tritanopia**  
B5D2E3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B3D4D9 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 #B3D4D9 looks like.

```
.text, #text, p{  
    color:#B3D4D9  
}
```

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 #B3D4D9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B3D4D9
}
```

## Border

The CSS property to change the border of an element to Hex B3D4D9 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
#B3D4D9 }
```

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

```
.border{ border-color:#B3D4D9 }
```

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

Here you see how a box with a 4 pixel #B3D4D9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B3D4D9; -webkit-box-shadow:4px 4px  
4px 4px #B3D4D9; box-shadow:4px 4px 4px  
4px #B3D4D9 }
```

# Background

The CSS property to change the background color of an element to Hex B3D4D9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B3D4D9 }
```

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

```
.background{ background-color:#B3D4D9 }
```

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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