

# Converting Colors

Hex(B6D9D3)

Have a look what the booklet for  
Hex(B6D9D3) contains.

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# **Color**

**Hex(B6D9D3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B6D9D3
RGB	182, 217, 211
RGB Percent	71%, 85%, 83%
CMY	0.2863, 0.1490, 0.1725
CMYK	0.16, 0.00, 0.03, 0.15
HSL	170°, 32%, 78%
HSV	170°, 16%, 85%
XYZ	55.8621, 64.2739, 71.0899
YIQ	205.8510, -18.9340, -9.2860

# Conversions

## Conversions Part 2

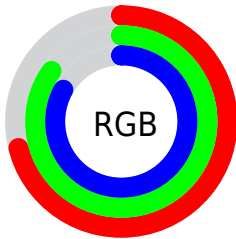
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	182, 201, 217
Decimal	11983315
CIE <sub>Lab</sub>	84.11, -12.68, -0.90
CIE <sub>LCh</sub>	84, 12.711, 184.082
Yxy	64.2739, 0.2921, 0.3361
Android (android.graphics.Color)	4290173395 (0xFFB6D9D3)
YUV	205.8510, 2.5385, -20.9173
Hunter-Lab	80.1710, -15.9228, 3.5456

# Details

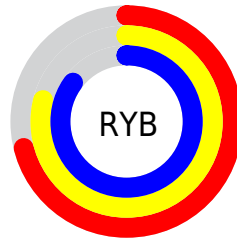
The Hex color **B6D9D3** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **D9B6BC**, and the grayscale version is **CECECE**.

A 20% lighter version of the original color is **EEEEFF**, and **81A29D** is the 20% darker color. If you saturate the color by 10%, you get **A0D9CF**, and if you desaturate by 10%, it is **CCD9D7**.

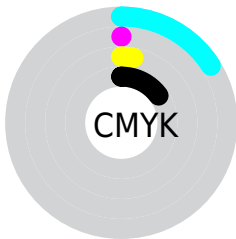
# Distribution



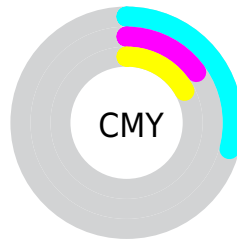
- Red (71%)
- Green (85%)
- Blue (83%)



- Red (71%)
- Yellow (79%)
- Blue (85%)



- Cyan (16%)
- Magenta (0%)
- Yellow (3%)
- Black (15%)



- Cyan (29%)
- Magenta (15%)
- Yellow (17%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B6D9D3 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 B6D9D3 by changing the saturation by 10% instead.



 B6D9D3

 B6D9D3

FFFFFF

 9BBDB7

 EEEFFF

 81A29D

 678882

 4F6E69

 375651

 203F3A

 092925

 001510

 000000

 B6D9D3

 B6D9D3

 A0D9CF

 CCD9D7

 8BD9CC

 E1D9DA

 75D9C8

 F7D9DE

 5FD9C4

 FFD9E2

 4AD9C0

 FFD9E6

 34D9BD

 FFD9E9

 1ED9B9

 FFD9ED

 08D9B5

 FFD9F1

 00D9B4

 FFD9F4

# Harmonies

## Analogous

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



BFD8C7



B6D9D3



B4D8DF

# Triad

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



B6D9D3



D6CEE6



E5CEBD

# Complementary

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



B6D9D3



D9B6BC

# 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.



EBCBC5



B6D9D3



E3CBDC

# Square

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



B6D9D3



C7D2E9



EBCAD0



DAD1BA

# Rectangle

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



B6D9D3



B7D7E5



EBCAD0



E8CCBF



# Sweetspot

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



B6D9D3



F2FFFD



BCD9B6



78807E



000000



808080

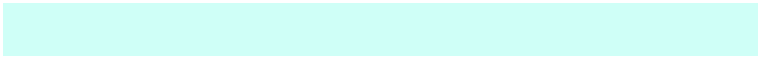


# Same Dimension

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



B6D9D3



CFFFF7



B6CED9



636E6C



00AD90



002E26



# Inverse Universe

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



D9B6BC



FFCFD7



D9C1B6



6E6365



AD001E

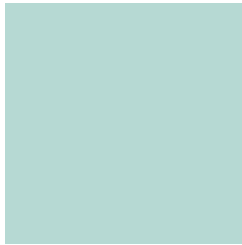


2E0008



# Previews

## White Background



This preview shows how the Hex color B6D9D3 looks on a white background.

## Color Contrast Check

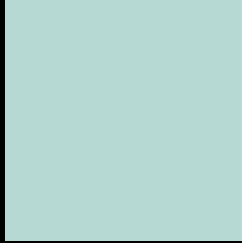
Large Text (above 18pt) WCAG AA × Fail

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 B6D9D3 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

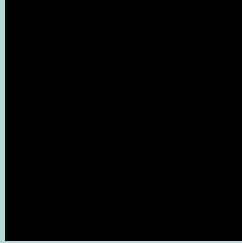
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

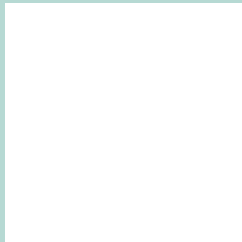
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex B6D9D3 Background



This preview shows how black text looks on a background with the Hex color B6D9D3.



This preview shows how white text looks on a background with the Hex color B6D9D3.

# 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](#).

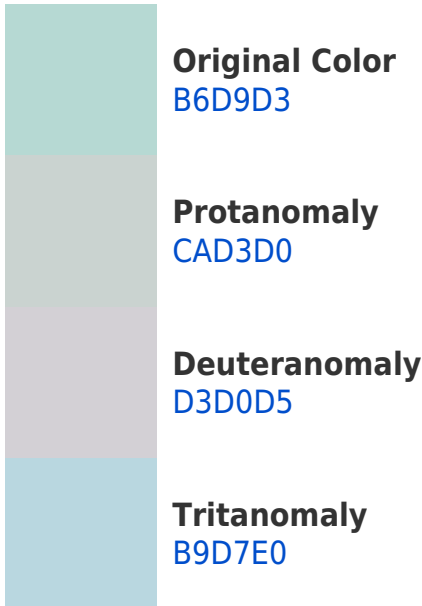
## Dichromacy



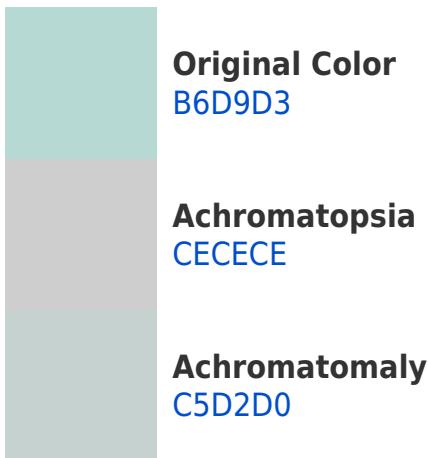


**Tritanopia**  
BAD6E7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B6D9D3 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 #B6D9D3 looks like.

```
.text, #text, p{  
    color:#B6D9D3  
}
```

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 #B6D9D3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B6D9D3
}
```

## Border

The CSS property to change the border of an element to Hex B6D9D3 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
#B6D9D3 }
```

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

```
.border{ border-color:#B6D9D3 }
```

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

Here you see how a box with a 4 pixel #B6D9D3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B6D9D3; -webkit-box-shadow:4px 4px  
4px 4px #B6D9D3; box-shadow:4px 4px 4px  
4px #B6D9D3 }
```

# Background

The CSS property to change the background color of an element to Hex B6D9D3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B6D9D3 }
```

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

```
.background{ background-color:#B6D9D3 }
```

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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