

# Converting Colors

Hex(B2D8C9)

Have a look what the booklet for  
Hex(B2D8C9) contains.

<b>Hex(B2D8C9)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(B2D8C9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B2D8C9
RGB	178, 216, 201
RGB Percent	70%, 85%, 79%
CMY	0.3020, 0.1529, 0.2118
CMYK	0.18, 0.00, 0.07, 0.15
HSL	156°, 33%, 77%
HSV	156°, 18%, 85%
XYZ	53.4586, 62.7938, 64.5612
YIQ	202.9280, -17.8330, -12.7210

# Conversions

## Conversions Part 2

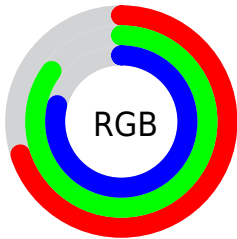
Format	Color
<b>RYB</b>	178, 202, 216
Decimal	11720905
CIELab	83.33, -15.44, 3.24
CIELCh	83, 15.773, 168.136
Yxy	62.7938, 0.2957, 0.3473
Android (android.graphics.Color)	4289910985 (0xFFB2D8C9)
YUV	202.9280, -0.9505, -21.8619
Hunter-Lab	79.2425, -18.2547, 7.1645

# Details

The Hex color **B2D8C9** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **D8B2C1**, and the grayscale version is **CBCBCB**.

A 20% lighter version of the original color is **EAEAEAE**, and **7DA193** is the 20% darker color. If you saturate the color by 10%, you get **9CD8C0**, and if you desaturate by 10%, it is **C8D8D2**.

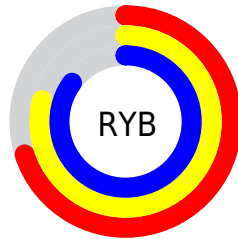
# Distribution



Red (70%)

Green (85%)

Blue (79%)



Red (70%)

Yellow (79%)

Blue (85%)

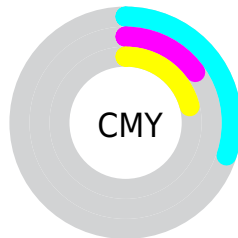


Cyan (18%)

Magenta (0%)

Yellow (7%)

Black (15%)



Cyan (30%)

Magenta (15%)

Yellow (21%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B2D8C9 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 B2D8C9 by changing the saturation by 10% instead.



 B2D8C9

 B2D8C9

FFFFFF

 97BCAE

 EAFFFF

 7DA193

 638779

 4B6D61

 335549

 1D3E32

 05281D

 001404

 000000

 B2D8C9

 B2D8C9

 9CD8C0

 C8D8D2

 87D8B8

 DDD8DA

 71D8AF

 F3D8E3

 5CD8A7

 FFD8EB

 46D89E

 FFD8F4

 30D896

 FFD8FC

 1BD88D

 FFD8FF

 05D885

 00D883

# Harmonies

## Analogous

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



C1D6BC



B2D8C9



AAD8D8

# Triad

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



B2D8C9



CBCEEC



ECC8BA

# Complementary

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



B2D8C9



D8B2C1

# 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.



EFC6C7



B2D8C9



DDC9E4

# Square

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



B2D8C9



B9D3EC



EAC6D6



E1CDB3

# Rectangle

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



B2D8C9



AAD7E1



EAC6D6



EEC7BE



# Sweetspot

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



B2D8C9



F2FFFA



C1D8B2



78807C



000000



808080

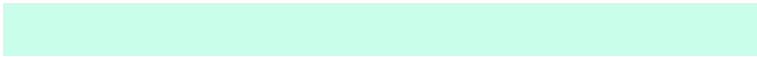


# Same Dimension

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



B2D8C9



C9FFEA



B2D4D8



606B67



00AB67



002B1A



# Inverse Universe

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



D8B2C1



FFC9DF



D8B6B2



6B6065



AB0043

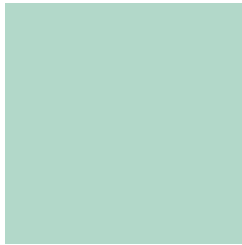


2B0011



# Previews

## White Background



This preview shows how the Hex color B2D8C9 looks on a white background.

## Color Contrast Check

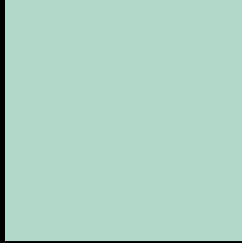
Large Text (above 18pt) WCAG AA × Fail

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 B2D8C9 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

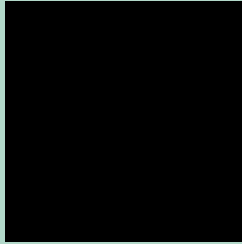
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex B2D8C9 Background



This preview shows how black text looks on a background with the Hex color B2D8C9.

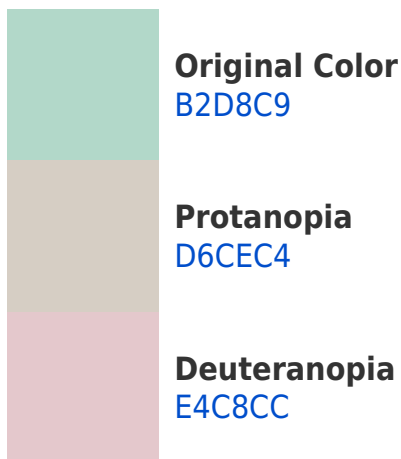


This preview shows how white text looks on a background with the Hex color B2D8C9.

# 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



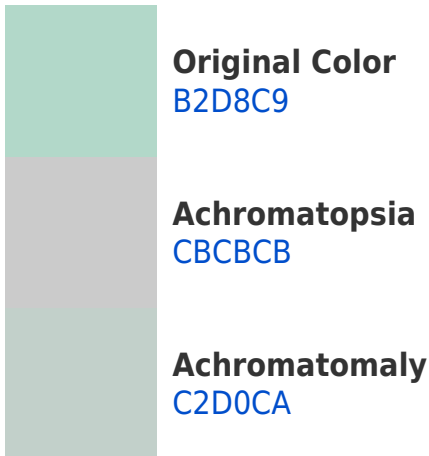


**Tritanopia**  
B7D4E5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B2D8C9 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 #B2D8C9 looks like.

```
.text, #text, p{  
    color:#B2D8C9  
}
```

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 #B2D8C9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B2D8C9
}
```

## Border

The CSS property to change the border of an element to Hex B2D8C9 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
#B2D8C9 }
```

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

```
.border{ border-color:#B2D8C9 }
```

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

Here you see how a box with a 4 pixel #B2D8C9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B2D8C9; -webkit-box-shadow:4px 4px  
4px 4px #B2D8C9; box-shadow:4px 4px 4px  
4px #B2D8C9 }
```

# Background

The CSS property to change the background color of an element to Hex B2D8C9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B2D8C9 }
```

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

```
.background{ background-color:#B2D8C9 }
```

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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