

# Converting Colors

Hex(B5D6C8)

Have a look what the booklet for  
Hex(B5D6C8) contains.

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# **Color**

**Hex(B5D6C8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B5D6C8
RGB	181, 214, 200
RGB Percent	71%, 84%, 78%
CMY	0.2902, 0.1608, 0.2157
CMYK	0.15, 0.00, 0.07, 0.16
HSL	155°, 29%, 77%
HSV	155°, 15%, 84%
XYZ	53.5279, 62.0870, 63.8064
YIQ	202.5370, -15.1740, -11.3500

# Conversions

## Conversions Part 2

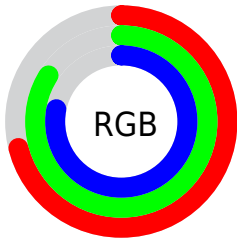
Format	Color
<a href="#">RYB</a>	<a href="#">181, 202, 214</a>
Decimal	<a href="#">11917000</a>
CIELab	<a href="#">82.96, -13.64, 3.26</a>
CIElCh	<a href="#">83, 14.028, 166.582</a>
Yxy	<a href="#">62.0870, 0.2983, 0.3460</a>
Android (android.graphics.Color)	<a href="#">4290107080 (0xFFB5D6C8)</a>
YUV	<a href="#">202.5370, -1.2507, -18.8879</a>
Hunter-Lab	<a href="#">78.7953, -16.6316, 7.1453</a>

# Details

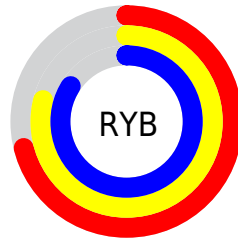
The Hex color **B5D6C8** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **D6B5C3**, and the grayscale version is **CBCBCB**.

A 20% lighter version of the original color is **EDFFFF**, and **809F92** is the 20% darker color. If you saturate the color by 10%, you get **A0D6BF**, and if you desaturate by 10%, it is **CAD6D1**.

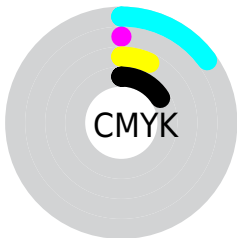
# Distribution



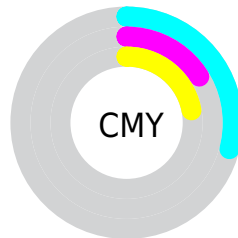
- Red (71%)
- Green (84%)
- Blue (78%)



- Red (71%)
- Yellow (79%)
- Blue (84%)



- Cyan (15%)
- Magenta (0%)
- Yellow (7%)
- Black (16%)



- Cyan (29%)
- Magenta (16%)
- Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B5D6C8 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 B5D6C8 by changing the saturation by 10% instead.



 B5D6C8

FFFFFF

 EDFFFF

 B5D6C8

 9ABAAD

 809F92

 668578

 4E6C60

 375348

 203C32

 0A261D

 001202

 000000

 B5D6C8

 B5D6C8

 A0D6BF

 CAD6D1

 8AD6B6

 E0D6DA

 75D6AD

 F5D6E3

 5FD6A4

 FFD6EC

 4AD69B

 FFD6F5

 35D692

 FFD6FE

 1FD688

 FFD6FF

 0AD67F

 00D67B

# Harmonies

## Analogous

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



C2D4BC



B5D6C8



AED6D6

# Triad

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



B5D6C8



CACDE8



E8C8BC

# Complementary

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



B5D6C8



D6B5C3

# 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.



EBC6C8



B5D6C8



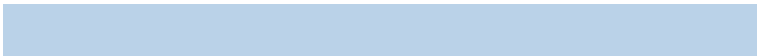
DAC9E1

# Square

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



B5D6C8



BAD2E8



E6C6D5



DFCCB5

# Rectangle

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



B5D6C8



AED6DE



E6C6D5



EAC7BF

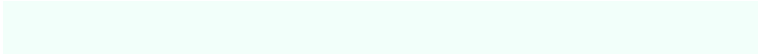


# Sweetspot

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



B5D6C8



F2FFFA



C3D6B5



78807C



000000



808080

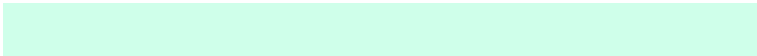


# Same Dimension

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



B5D6C8



CFFFEA



B5D4D6



606B67



00AB62



002B19



# Inverse Universe

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



D6B5C3



FFCFE3



D6B7B5



6B6065



AB0048

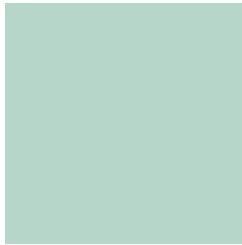


2B0012



# Previews

## White Background



This preview shows how the Hex color B5D6C8 looks on a white background.

## Color Contrast Check

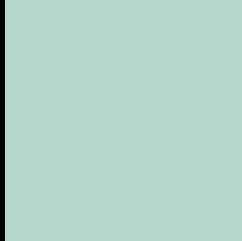
Large Text (above 18pt) WCAG AA × Fail

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 B5D6C8 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

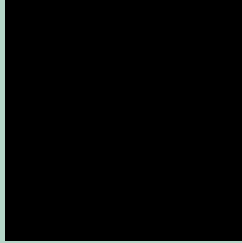
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

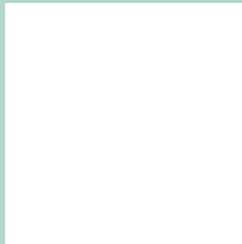
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex B5D6C8 Background



This preview shows how black text looks on a background with the Hex color B5D6C8.

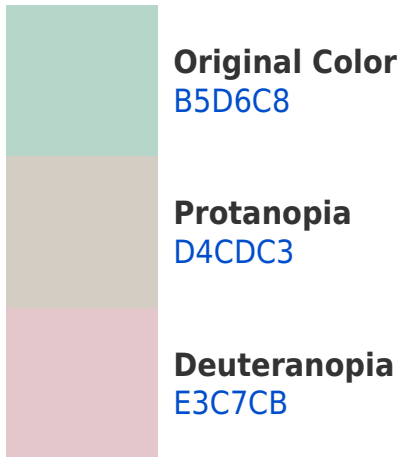


This preview shows how white text looks on a background with the Hex color B5D6C8.

# 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





# Trichromacy



**Original Color**  
B5D6C8

**Protanomaly**  
C9D0C5

**Deuteranomaly**  
D2CCCA

**Tritanomaly**  
B8D3D9

# Monochromacy



**Original Color**  
B5D6C8

**Achromatopsia**  
CBCBCB

**Achromatomaly**  
C3CFCA

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B5D6C8 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 #B5D6C8 looks like.

```
.text, #text, p{  
    color:#B5D6C8  
}
```

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 #B5D6C8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B5D6C8
}
```

## Border

The CSS property to change the border of an element to Hex B5D6C8 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
#B5D6C8 }
```

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

```
.border{ border-color:#B5D6C8 }
```

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

Here you see how a box with a 4 pixel #B5D6C8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B5D6C8; -webkit-box-shadow:4px 4px  
4px 4px #B5D6C8; box-shadow:4px 4px 4px  
4px #B5D6C8 }
```

# Background

The CSS property to change the background color of an element to Hex B5D6C8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B5D6C8 }
```

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

```
.background{ background-color:#B5D6C8 }
```

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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