

# Converting Colors

Hex(B5D6D2)

Have a look what the booklet for  
Hex(B5D6D2) contains.

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# **Color**

**Hex(B5D6D2)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B5D6D2
RGB	181, 214, 210
RGB Percent	71%, 84%, 82%
CMY	0.2902, 0.1608, 0.1765
CMYK	0.15, 0.00, 0.02, 0.16
HSL	173°, 29%, 77%
HSV	173°, 15%, 84%
XYZ	54.7355, 62.5700, 70.1651
YIQ	203.6770, -18.3840, -8.2400

# Conversions

## Conversions Part 2

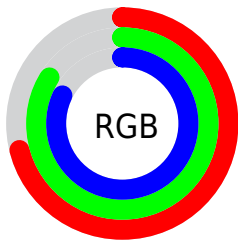
<b>Format</b>	<b>Color</b>
<b>RYB</b>	181, 199, 214
Decimal	11917010
CIELab	83.22, -11.67, -1.69
CIELCh	83, 11.788, 188.234
Yxy	62.5700, 0.2920, 0.3338
Android (android.graphics.Color)	4290107090 (0xFFB5D6D2)
YUV	203.6770, 3.1172, -19.8877
Hunter-Lab	79.1012, -14.9109, 2.7789

# Details

The Hex color **B5D6D2** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **D6B5B9**, and the grayscale version is **CCCCCC**.

A 20% lighter version of the original color is **EDFFFF**, and **809F9C** is the 20% darker color. If you saturate the color by 10%, you get **A0D6CF**, and if you desaturate by 10%, it is **CAD6D5**.

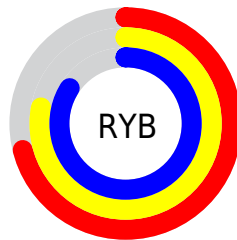
# Distribution



Red (71%)

Green (84%)

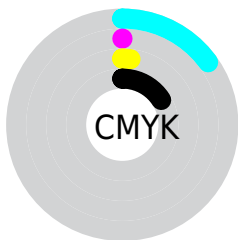
Blue (82%)



Red (71%)

Yellow (78%)

Blue (84%)

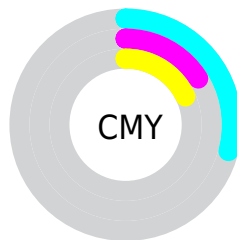


Cyan (15%)

Magenta (0%)

Yellow (2%)

Black (16%)



Cyan (29%)

Magenta (16%)

Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B5D6D2 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 B5D6D2 by changing the saturation by 10% instead.



 B5D6D2

FFFFFF

 EDFFFF

 B5D6D2

 9ABAB6

 809F9C

 668582

 4E6C68

 365350

 1F3C3A

 092624

 00130F

 000000

 B5D6D2

 B5D6D2

 A0D6CF

 CAD6D5

 8AD6CD

 E0D6D7

 75D6CA

 F5D6DA

 5FD6C8

 FFD6DC

 4AD6C5

 FFD6DF

 35D6C2

 FFD6E2

 1FD6C0

 FFD6E4

 0AD6BD

 FFD6E7

 00D6BC

 FFD6E9

# Harmonies

## Analogous

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



BDD5C7



B5D6D2



B4D5DD

# Triad

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



B5D6D2



D5CCE1



E0CCBB

# Complementary

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



B5D6D2



D6B5B9

# 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.



E7C9C2



B5D6D2



E1C9D8

# Square

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



B5D6D2



C7CFE5



E7C8CD



D5CFB9

# Rectangle

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



B5D6D2



B8D4E2



E7C8CD



E3CBBD



# Sweetspot

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



B5D6D2



F2FFFD



B9D6B5



78807F



000000



808080

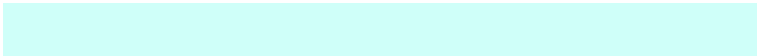


# Same Dimension

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



B5D6D2



CFFF9



B5CAD6



606B6A



00AB96



002B26



# Inverse Universe

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



D6B5B9



FFCFD4



D6C1B5



6B6062



AB0015

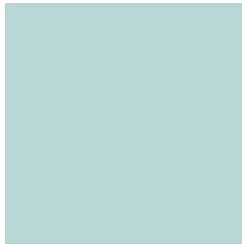


2B0005



# Previews

## White Background



This preview shows how the Hex color B5D6D2 looks on a white background.

## Color Contrast Check

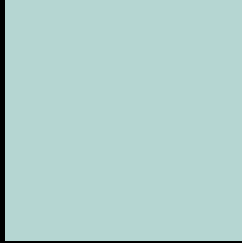
Large Text (above 18pt) WCAG AA × Fail

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 B5D6D2 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

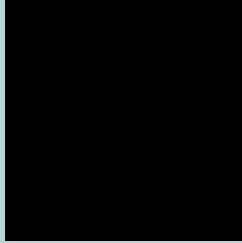
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

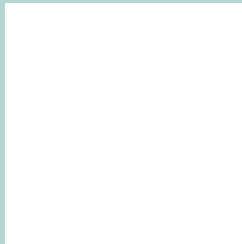
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex B5D6D2 Background



This preview shows how black text looks on a background with the Hex color B5D6D2.

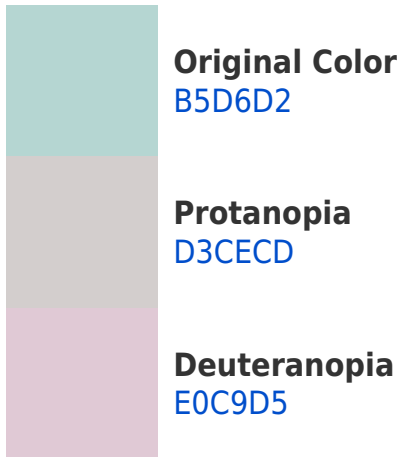


This preview shows how white text looks on a background with the Hex color B5D6D2.

# 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**  
B8D3E4

# Trichromacy



**Original Color**  
B5D6D2

**Protanomaly**  
C8D1CF

**Deuteranomaly**  
D0CED4

**Tritanomaly**  
B7D4DD

# Monochromacy



**Original Color**  
B5D6D2

**Achromatopsia**  
CCCCCC

**Achromatomaly**  
C4D0CE

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B5D6D2 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 #B5D6D2 looks like.

```
.text, #text, p{  
    color:#B5D6D2  
}
```

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 #B5D6D2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B5D6D2
}
```

## Border

The CSS property to change the border of an element to Hex B5D6D2 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
#B5D6D2 }
```

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

```
.border{ border-color:#B5D6D2 }
```

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

Here you see how a box with a 4 pixel #B5D6D2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B5D6D2; -webkit-box-shadow:4px 4px  
4px 4px #B5D6D2; box-shadow:4px 4px 4px  
4px #B5D6D2 }
```

# Background

The CSS property to change the background color of an element to Hex B5D6D2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B5D6D2 }
```

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

```
.background{ background-color:#B5D6D2 }
```

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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