

# Converting Colors

Hex(B5DCE3)

Have a look what the booklet for  
Hex(B5DCE3) contains.

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# **Color**

**Hex(B5DCE3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B5DCE3
RGB	181, 220, 227
RGB Percent	71%, 86%, 89%
CMY	0.2902, 0.1373, 0.1098
CMYK	0.20, 0.03, 0.00, 0.11
HSL	189°, 45%, 80%
HSV	189°, 20%, 89%
XYZ	58.5144, 66.5562, 82.4356
YIQ	209.1370, -25.4910, -6.0910

# Conversions

## Conversions Part 2

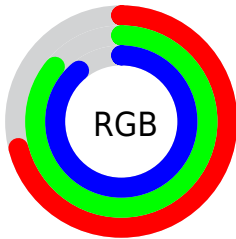
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	181, 202, 227
Decimal	11918563
CIE Lab	85.28, -11.20, -7.66
CIE LCh	85, 13.572, 214.383
Yxy	66.5562, 0.2820, 0.3207
Android (android.graphics.Color)	4290108643 (0xFFB5DCE3)
YUV	209.1370, 8.8065, -24.6761
Hunter-Lab	81.5820, -14.7400, -2.8030

# Details

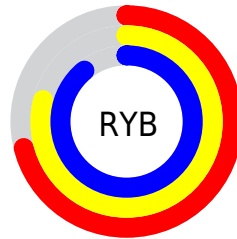
The Hex color **B5DCE3** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **E3BCB5**, and the grayscale version is **D1D1D1**.

A 20% lighter version of the original color is **EDFFFF**, and **7FA5AC** is the 20% darker color. If you saturate the color by 10%, you get **9ED9E3**, and if you desaturate by 10%, it is **CCDFE3**.

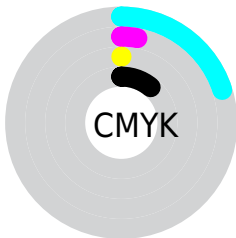
# Distribution



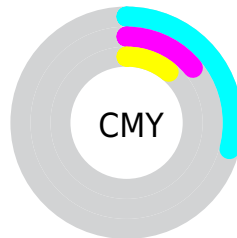
- Red (71%)
- Green (86%)
- Blue (89%)



- Red (71%)
- Yellow (79%)
- Blue (89%)



- Cyan (20%)
- Magenta (3%)
- Yellow (0%)
- Black (11%)



- Cyan (29%)
- Magenta (14%)
- Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B5DCE3 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 B5DCE3 by changing the saturation by 10% instead.



 B5DCE3

 B5DCE3

FFFFFF

 9AC0C7

 EDFFFF

 7FA5AC

 668B91

 4D7177

 34595F

 1C4147

 022B31

 00171C

 000000

 B5DCE3


 B5DCE3

 9ED9E3

 CCDFE3

 88D5E3

 E2E3E3

 71D2E3

 F9E6E3

 5ACEE3

 FFEAE3

 44CBE3

 FFEDE3

 2DC7E3

 FFF1E3

 16C4E3

 FFF4E3

 00C0E3

 FFF8E3

 FFFBE3

# Harmonies

## Analogous

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



B7DDD7



B5DCE3



BCD9EC

# Triad

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



B5DCE3



E8CEE0



DED5BC

# Complementary

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



B5DCE3



E3BCB5

# 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.



EAD1BE



B5DCE3



F0CCD4

# Square

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



B5DCE3



DAD1EA



F0CDC7



CFD9C0

# Rectangle

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



B5DCE3



C5D7EE



F0CDC7



E2D3BC



# Sweetspot

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



B5DCE3



F0DFFF



B5E3BC



777E80



000000



808080

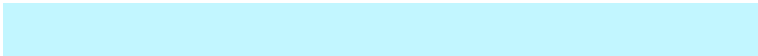


# Same Dimension

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



B5DCE3



C2F6FF



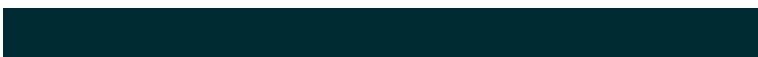
B5C5E3



677173



0097B3



002B33



# Inverse Universe

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



E3B5DC



FFC2F6



E3D3B5



736771



B30097

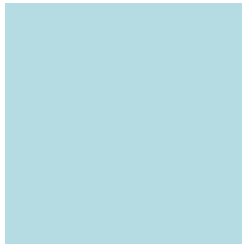


33002B



# Previews

## White Background



This preview shows how the Hex color B5DCE3 looks on a white background.

## Color Contrast Check

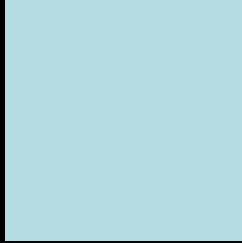
Large Text (above 18pt) WCAG AA × Fail

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 B5DCE3 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

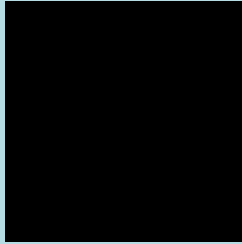
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex B5DCE3 Background



This preview shows how black text looks on a background with the Hex color B5DCE3.

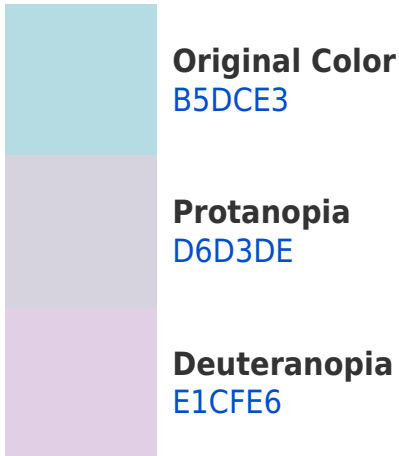


This preview shows how white text looks on a background with the Hex color B5DCE3.

# Color Blindness Simulation

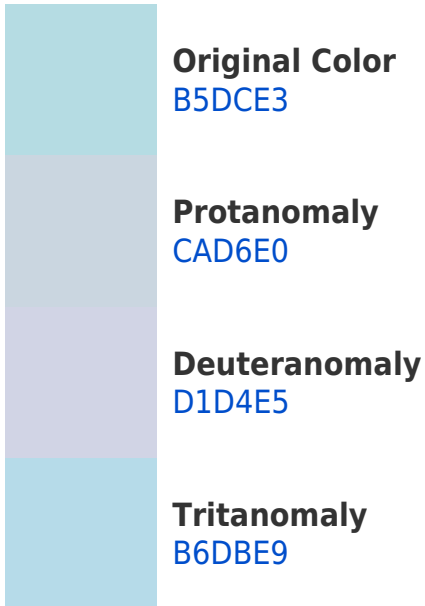
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

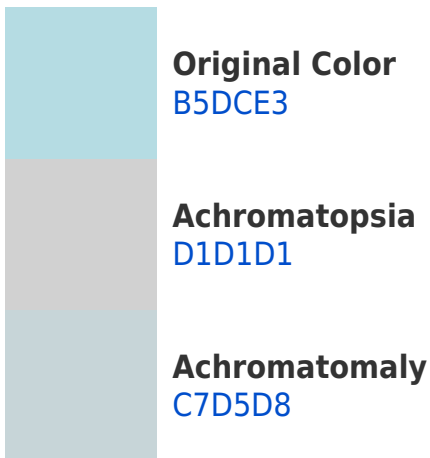




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B5DCE3 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 #B5DCE3 looks like.

```
.text, #text, p{  
    color:#B5DCE3  
}
```

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 #B5DCE3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B5DCE3  
}
```

## Border

The CSS property to change the border of an element to Hex B5DCE3 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  
#B5DCE3 }
```

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

```
.border{ border-color:#B5DCE3 }
```

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

Here you see how a box with a 4 pixel #B5DCE3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B5DCE3; -webkit-box-shadow:4px 4px  
4px 4px #B5DCE3; box-shadow:4px 4px 4px  
4px #B5DCE3 }
```

# Background

The CSS property to change the background color of an element to Hex B5DCE3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B5DCE3 }
```

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

```
.background{ background-color:#B5DCE3 }
```

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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