

# Converting Colors

Hex(B5DBE5)

Have a look what the booklet for  
Hex(B5DBE5) contains.

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# **Color**

**Hex(B5DBE5)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B5DBE5
RGB	181, 219, 229
RGB Percent	71%, 86%, 90%
CMY	0.2902, 0.1412, 0.1020
CMYK	0.21, 0.04, 0.00, 0.10
HSL	193°, 48%, 80%
HSV	193°, 21%, 90%
XYZ	58.5304, 66.1439, 83.8109
YIQ	208.7780, -25.8580, -4.9460

# Conversions

## Conversions Part 2

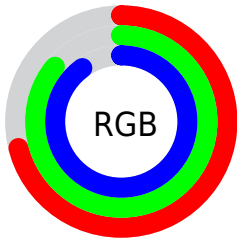
Format	Color
<b>RYB</b>	181, 202, 229
Decimal	11918309
CIELab	85.07, -10.26, -9.03
CIELCh	85, 13.669, 221.368
Yxy	66.1439, 0.2807, 0.3173
Android (android.graphics.Color)	4290108389 (0xFFB5DBE5)
YUV	208.7780, 9.9694, -24.3613
Hunter-Lab	81.3289, -13.8635, -4.1692

# Details

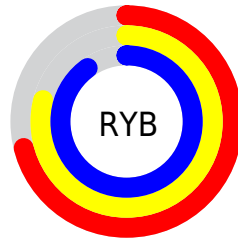
The Hex color **B5DBE5** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **E5BFB5**, and the grayscale version is **D1D1D1**.

A 20% lighter version of the original color is **EDFFFF**, and **7FA4AE** is the 20% darker color. If you saturate the color by 10%, you get **9ED6E5**, and if you desaturate by 10%, it is **CCE0E5**.

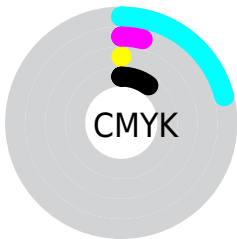
# Distribution



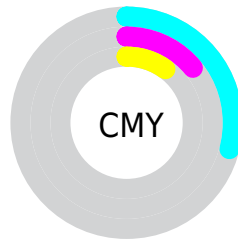
- Red (71%)
- Green (86%)
- Blue (90%)



- Red (71%)
- Yellow (79%)
- Blue (90%)



- Cyan (21%)
- Magenta (4%)
- Yellow (0%)
- Black (10%)



- Cyan (29%)
- Magenta (14%)
- Yellow (10%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B5DBE5 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 B5DBE5 by changing the saturation by 10% instead.



 B5DBE5

 B5DBE5

FFFFFF

 9ABFC9

 EDFFFF

 7FA4AE

 658A93

 4C7079

 345860

 1C4049

 012A32

 00171D

 000001

 B5DBE5

 B5DBE5

 9ED6E5

 CCE0E5

 87D1E5

 E3E5E5

 70CDE5

 FAE9E5

 59C8E5

 FFEEE5

 42C3E5

 FFF3E5

 2CBEE5

 FFF8E5

 15BAE5

 FFFCE5

 00B5E5

 FFFF E5

# Harmonies

## Analogous

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



B5DCD9



B5DBE5



BED8ED

# Triad

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



B5DBE5



EACDDD



DAD5BB

# Complementary

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



B5DBE5



E5BFB5

# 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.



E7D1BC



B5DBE5



F0CCD0

# Square

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



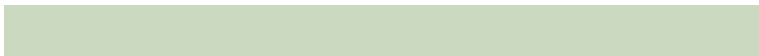
B5DBE5



DDD0E8



EFCDC4



CBD9C1

# Rectangle

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



B5DBE5



C8D5EE



EFCDC4



DFD4BB

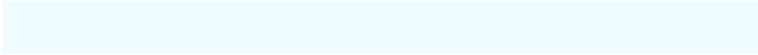


# Sweetspot

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



B5DBE5



F0FCFF



B5E5BF



777E80



000000



808080

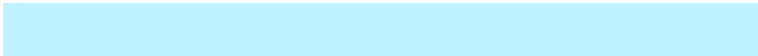


# Same Dimension

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



B5DBE5



BFF2FF



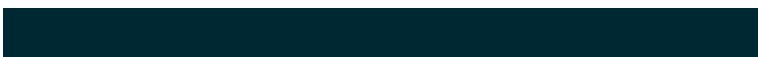
B5C3E5



677073



008DB3



002833



# Inverse Universe

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



E5B5DB



FFBFF2



E5D7B5



736770



B3008D

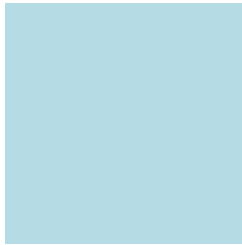


330028



# Previews

## White Background



This preview shows how the Hex color B5DBE5 looks on a white background.

## Color Contrast Check

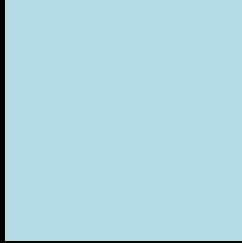
Large Text (above 18pt) WCAG AA × Fail

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 B5DBE5 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

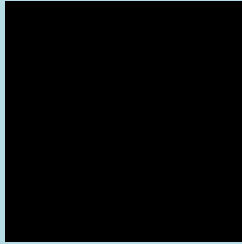
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

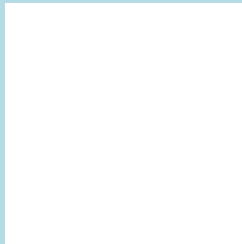
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex B5DBE5 Background



This preview shows how black text looks on a background with the Hex color B5DBE5.

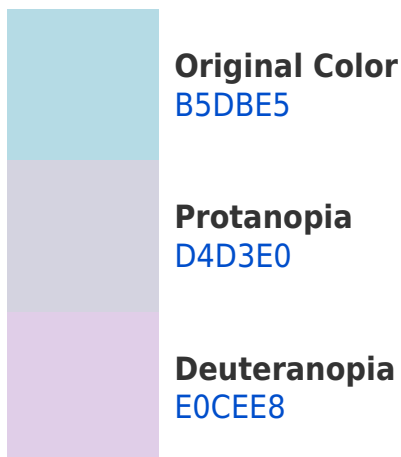


This preview shows how white text looks on a background with the Hex color B5DBE5.

# 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](#).

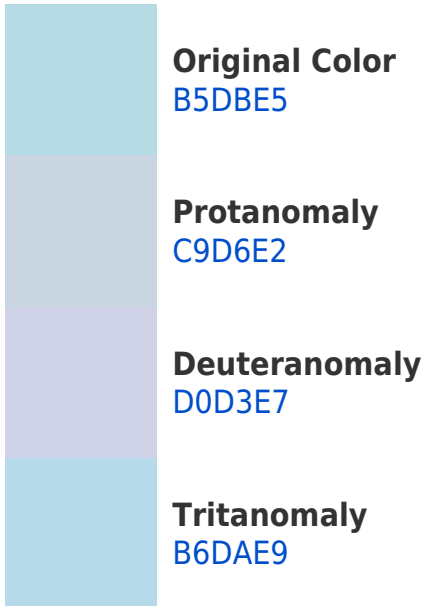
## Dichromacy



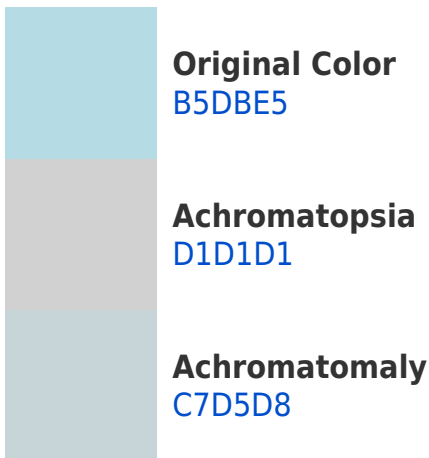


**Tritanopia**  
B6DAEB

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B5DBE5 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 #B5DBE5 looks like.

```
.text, #text, p{  
    color:#B5DBE5  
}
```

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 #B5DBE5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B5DBE5  
}
```

## Border

The CSS property to change the border of an element to Hex B5DBE5 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  
#B5DBE5 }
```

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

```
.border{ border-color:#B5DBE5 }
```

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

Here you see how a box with a 4 pixel #B5DBE5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B5DBE5; -webkit-box-shadow:4px 4px  
4px 4px #B5DBE5; box-shadow:4px 4px 4px  
4px #B5DBE5 }
```

# Background

The CSS property to change the background color of an element to Hex B5DBE5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B5DBE5 }
```

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

```
.background{ background-color:#B5DBE5 }
```

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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