

Converting Colors

Hex(B5DBE3)

Have a look what the booklet for
Hex(B5DBE3) contains.

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Color

Hex(B5DBE3)

Conversions

Conversions Part 1

Format	Color
Hex	B5DBE3
RGB	181, 219, 227
RGB Percent	71%, 86%, 89%
CMY	0.2902, 0.1412, 0.1098
CMYK	0.20, 0.04, 0.00, 0.11
HSL	190°, 45%, 80%
HSV	190°, 20%, 89%
XYZ	58.2527, 66.0328, 82.3484
YIQ	208.5500, -25.2160, -5.5680

Conversions

Conversions Part 2

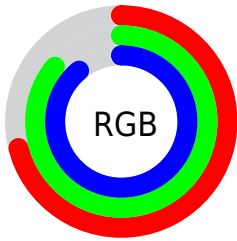
Format	Color
RYB	181, 202, 227
Decimal	11918307
CIELab	85.01, -10.69, -8.06
CIElCh	85, 13.386, 217.016
Yxy	66.0328, 0.2819, 0.3196
Android (android.graphics.Color)	4290108387 (0xFFB5DBE3)
YUV	208.5500, 9.0958, -24.1614
Hunter-Lab	81.2606, -14.2460, -3.2013

Details

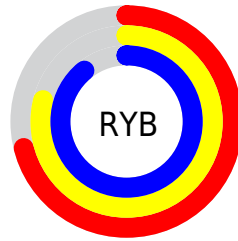
The Hex color **B5DBE3** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **E3BDB5**, and the grayscale version is **D0D0D0**.

A 20% lighter version of the original color is **EDFFFF**, and **7FA4AC** is the 20% darker color. If you saturate the color by 10%, you get **9ED7E3**, and if you desaturate by 10%, it is **CCDFE3**.

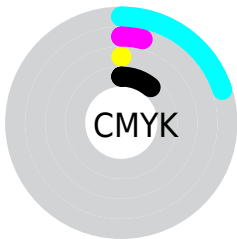
Distribution



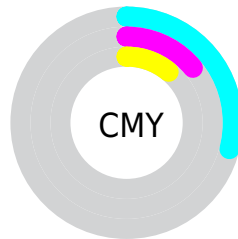
- Red (71%)
- Green (86%)
- Blue (89%)



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



- Cyan (20%)
- Magenta (4%)
- Yellow (0%)
- Black (11%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color B5DBE3 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 B5DBE3 by changing the saturation by 10% instead.

 B5DBE3

FFFFFF

 EDFFFF

 B5DBE3

 9ABFC7

 7FA4AC

 668A91

 4D7077

 34585F

 1C4047

 022A31

 00171C

 000000

 B5DBE3

 B5DBE3

 9ED7E3

 CCDFE3

 88D3E3

 E2E3E3

 71CFE3

 F9E7E3

 5ACBE3

 FFEBE3

 44C7E3

 FFEFE3

 2DC3E3

 FFF3E3

 16BFE3

 FFF7E3

 00BCE3

 FFFBE3

 FFFF E3

Harmonies

Analogous

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



B6DCD7



B5DBE3



BDD8EB

Triad

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



B5DBE3



E8CDDE



DCD4BB

Complementary

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



B5DBE3



E3BDB5

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.



E8D0BD



B5DBE3



EFCCD2

Square

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



B5DBE3



DBD0E8



EFCDC6



CDD8C0

Rectangle

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



B5DBE3



C6D6ED



EFCDC6



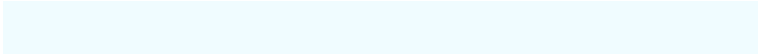
E0D3BB

Sweetspot

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



B5DBE3



F0FCFF



B5E3BD



777E80



000000



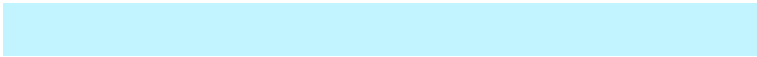
808080

Same Dimension

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



B5DBE3



C2F4FF



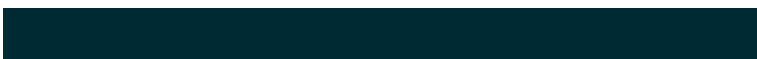
B5C4E3



677173



0093B3



002A33

Inverse Universe

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



E3B5DB



FFC2F4



E3D4B5



736771



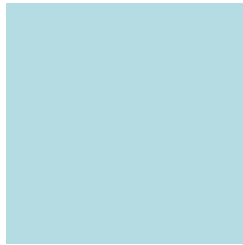
B30093



33002A

Previews

White Background



This preview shows how the Hex color B5DBE3 looks on a white background.

Color Contrast Check

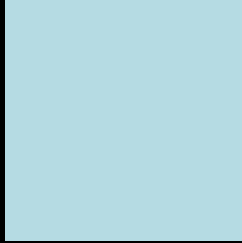
Large Text (above 18pt) WCAG AA × Fail

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 B5DBE3 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

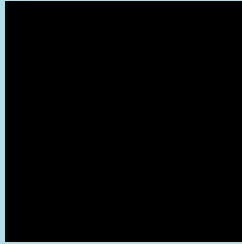
Any Text WCAG AA ✓ Pass

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 B5DBE3 Background



This preview shows how black text looks on a background with the Hex color B5DBE3.

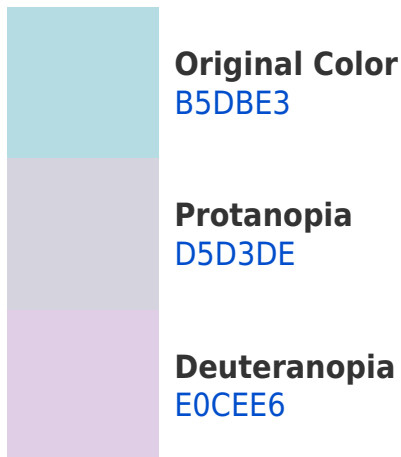


This preview shows how white text looks on a background with the Hex color B5DBE3.

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](#).

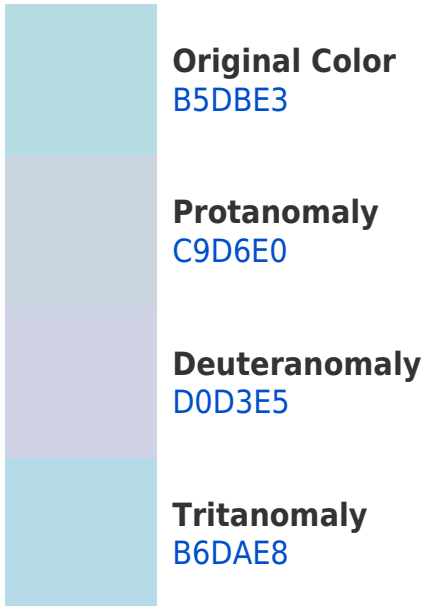
Dichromacy



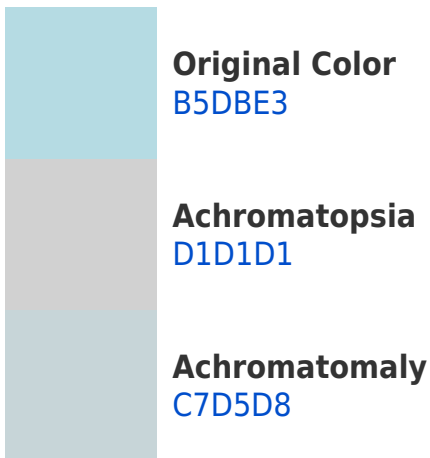


Tritanopia
B7DAEB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B5DBE3 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 #B5DBE3 looks like.

```
.text, #text, p{  
    color:#B5DBE3  
}
```

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 #B5DBE3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B5DBE3
}
```

Border

The CSS property to change the border of an element to Hex B5DBE3 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
#B5DBE3 }
```

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

```
.border{ border-color:#B5DBE3 }
```

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

Here you see how a box with a 4 pixel #B5DBE3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B5DBE3; -webkit-box-shadow:4px 4px  
4px 4px #B5DBE3; box-shadow:4px 4px 4px  
4px #B5DBE3 }
```

Background

The CSS property to change the background color of an element to Hex B5DBE3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B5DBE3 }
```

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

```
.background{ background-color:#B5DBE3 }
```

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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