

Converting Colors

Hex(B5DBE6)

Have a look what the booklet for
Hex(B5DBE6) contains.

Hex(B5DBE6)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(B5DBE6)

Conversions

Conversions Part 1

Format	Color
Hex	B5DBE6
RGB	181, 219, 230
RGB Percent	71%, 86%, 90%
CMY	0.2902, 0.1412, 0.0980
CMYK	0.21, 0.05, 0.00, 0.10
HSL	193°, 49%, 81%
HSV	193°, 21%, 90%
XYZ	58.6705, 66.2000, 84.5485
YIQ	208.8920, -26.1790, -4.6350

Conversions

Conversions Part 2

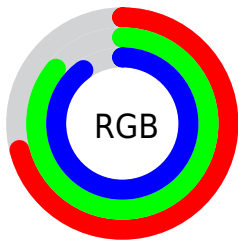
Format	Color
R _{YB}	181, 202, 230
Decimal	11918310
CIE Lab	85.10, -10.04, -9.52
CIE LCh	85, 13.838, 223.473
Yxy	66.2000, 0.2802, 0.3161
Android (android.graphics.Color)	4290108390 (0xFFB5DBE6)
YUV	208.8920, 10.4062, -24.4613
Hunter-Lab	81.3634, -13.6709, -4.6567

Details

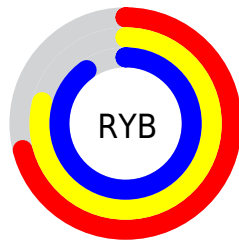
The Hex color **B5DBE6** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **E6C0B5**, and the grayscale version is **D1D1D1**.

A 20% lighter version of the original color is **EEEEFF**, and **7FA4AF** is the 20% darker color. If you saturate the color by 10%, you get **9ED6E6**, and if you desaturate by 10%, it is **CCE0E6**.

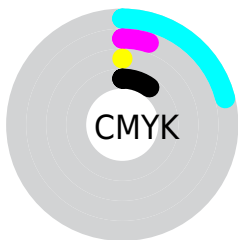
Distribution



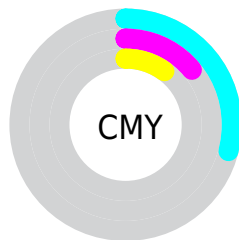
- Red (71%)
- Green (86%)
- Blue (90%)



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



- Cyan (21%)
- Magenta (5%)
- Yellow (0%)
- Black (10%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color B5DBE6 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 B5DBE6 by changing the saturation by 10% instead.

 B5DBE6

 B5DBE6

FFFFFF

 9ABFCA

 EEEFFF

 7FA4AF

 658A94

 4C707A

 345861

 1C404A

 012A33

 00171E

 000003

 B5DBE6

 B5DBE6

 9ED6E6

 CCE0E6

 87D1E6

 E3E5E6

 70CCE6

 FAEAE6

 59C6E6

 FFF0E6

 42C1E6

 FFF5E6

 2BBCE6

 FFFAE6

 14B7E6

 FFFF6E6

 00B2E6

Harmonies

Analogous

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



B4DCDA



B5DBE6



BFD8ED

Triad

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



B5DBE6



EBCCDC



D9D6BB

Complementary

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



B5DBE6



E6C0B5

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.



E6D1BC



B5DBE6



F1CCCF

Square

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



B5DBE6



DECFE8



EFCEC3



CAD9C1

Rectangle

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



B5DBE6



C9D5EE



EFCEC3



DED4BB

Sweetspot

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



B5DBE6



F0FCFF



B5E6C0



777D80



000000



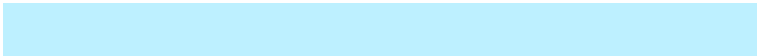
808080

Same Dimension

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



B5DBE6



BDF0FF



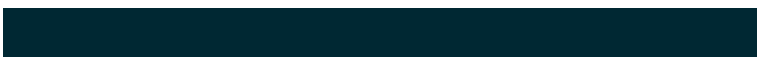
B5C3E6



677073



008AB3



002833

Inverse Universe

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



E6B5DB



FFBDF0



E6D8B5



736770



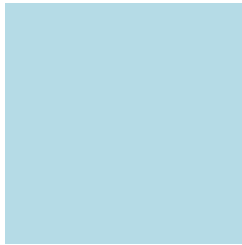
B3008A



330028

Previews

White Background



This preview shows how the Hex color B5DBE6 looks on a white background.

Color Contrast Check

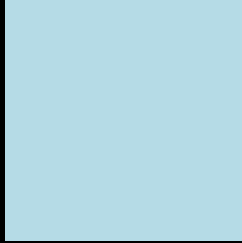
Large Text (above 18pt) WCAG AA × Fail

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 B5DBE6 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

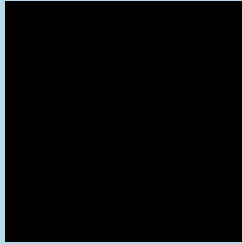
Any Text WCAG AA ✓ Pass

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 B5DBE6 Background



This preview shows how black text looks on a background with the Hex color B5DBE6.

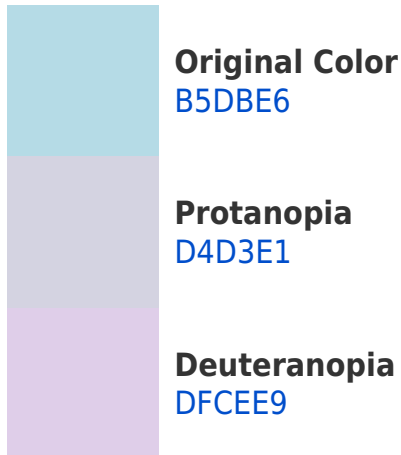


This preview shows how white text looks on a background with the Hex color B5DBE6.

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](#).

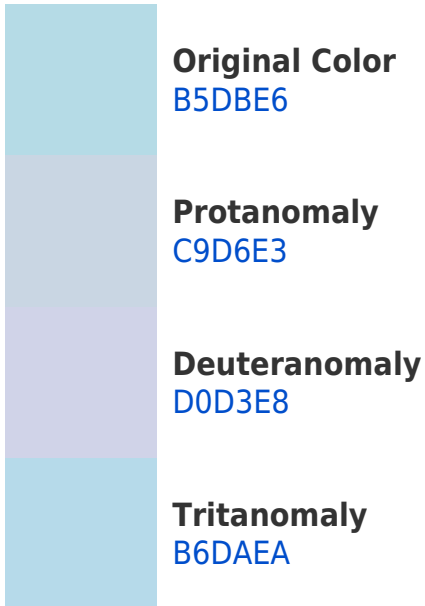
Dichromacy



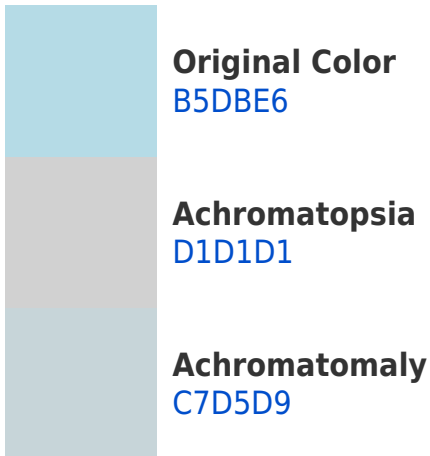


Tritanopia
B6DAEC

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B5DBE6 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 #B5DBE6 looks like.

```
.text, #text, p{  
    color:#B5DBE6  
}
```

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 #B5DBE6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B5DBE6
}
```

Border

The CSS property to change the border of an element to Hex B5DBE6 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
#B5DBE6 }
```

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

```
.border{ border-color:#B5DBE6 }
```

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

Here you see how a box with a 4 pixel #B5DBE6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B5DBE6; -webkit-box-shadow:4px 4px  
4px 4px #B5DBE6; box-shadow:4px 4px 4px  
4px #B5DBE6 }
```

Background

The CSS property to change the background color of an element to Hex B5DBE6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B5DBE6 }
```

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

```
.background{ background-color:#B5DBE6 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor