

Converting Colors

Hex(B7DBE6)

Have a look what the booklet for
Hex(B7DBE6) contains.

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Color

Hex(B7DBE6)

Conversions

Conversions Part 1

Format	Color
Hex	B7DBE6
RGB	183, 219, 230
RGB Percent	72%, 86%, 90%
CMY	0.2824, 0.1412, 0.0980
CMYK	0.20, 0.05, 0.00, 0.10
HSL	194°, 48%, 81%
HSV	194°, 20%, 90%
XYZ	59.1429, 66.4435, 84.5706
YIQ	209.4900, -24.9870, -4.2110

Conversions

Conversions Part 2

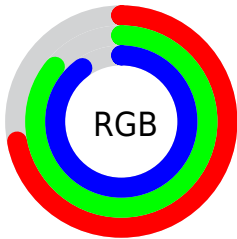
Format	Color
R _{YB}	183, 203, 230
Decimal	12049382
CIE Lab	85.22, -9.44, -9.32
CIE LCh	85, 13.265, 224.654
Yxy	66.4435, 0.2814, 0.3162
Android (android.graphics.Color)	4290239462 (0xFFB7DBE6)
YUV	209.4900, 10.1114, -23.2317
Hunter-Lab	81.5129, -13.1342, -4.4551

Details

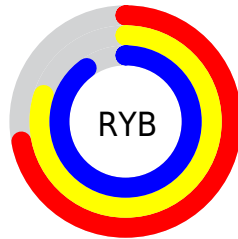
The Hex color **B7DBE6** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **E6C2B7**, and the grayscale version is **D1D1D1**.

A 20% lighter version of the original color is **F0FFFF**, and **81A4AF** is the 20% darker color. If you saturate the color by 10%, you get **A0D6E6**, and if you desaturate by 10%, it is **CEE0E6**.

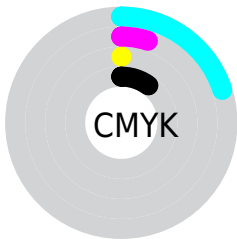
Distribution



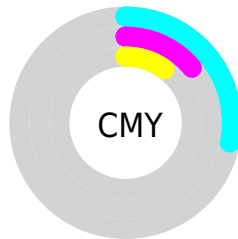
- Red (72%)
- Green (86%)
- Blue (90%)



- Red (72%)
- Yellow (80%)
- Blue (90%)



- Cyan (20%)
- Magenta (5%)
- Yellow (0%)
- Black (10%)



- Cyan (28%)
- Magenta (14%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Hex color B7DBE6 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 B7DBE6 by changing the saturation by 10% instead.

 B7DBE6

 B7DBE6

FFFFFF

 9CBFCA

 F0FFFF

 81A4AF

 678A94

 4E707A

 365861

 1E404A

 042A33

 00171E

 000003

 B7DBE6

 B7DBE6

 A0D6E6

 CEE0E6

 89D0E6

 E5E6E6

 72CBE6

 FCEBE6

 5BC5E6

 FFF1E6

 44C0E6

 FFF6E6

 2DBBE6

 FFFBE6

 16B5E6

 FFFF E6

 00B0E6

Harmonies

Analogous

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



B6DCDB



B7DBE6



C0D8ED

Triad

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



B7DBE6



EBCDDC



D9D6BD

Complementary

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



B7DBE6



E6C2B7

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.



E6D2BD



B7DBE6



F0CDCF

Square

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



B7DBE6



DFD0E7



EECEC4



CADAC3

Rectangle

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



B7DBE6



CAD5EE



EECEC4



DDD5BC

Sweetspot

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



B7DBE6



F0FBFF



B7E6C2



777D80



000000



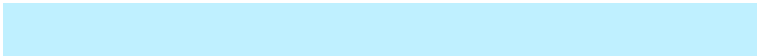
808080

Same Dimension

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



B7DBE6



BFF0FF



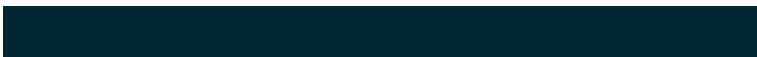
B7C4E6



677073



0089B3



002733

Inverse Universe

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



E6B7DB



FFBFF0



E6D9B7



736770



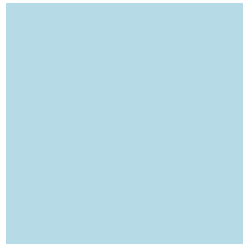
B30089



330027

Previews

White Background



This preview shows how the Hex color B7DBE6 looks on a white background.

Color Contrast Check

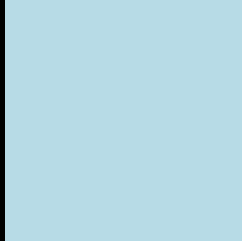
Large Text (above 18pt) WCAG AA × Fail

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 B7DBE6 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

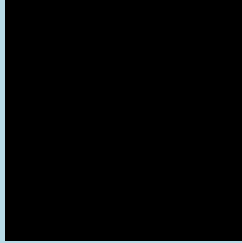
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

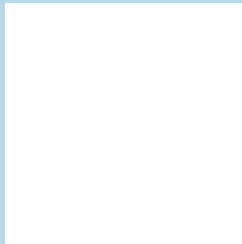
Any Text WCAG AAA ✓ Pass

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

Hex B7DBE6 Background



This preview shows how black text looks on a background with the Hex color B7DBE6.

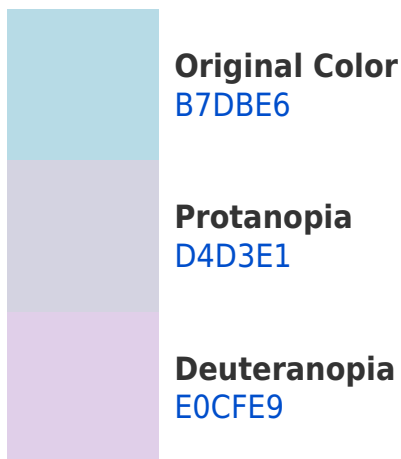


This preview shows how white text looks on a background with the Hex color B7DBE6.

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](#).

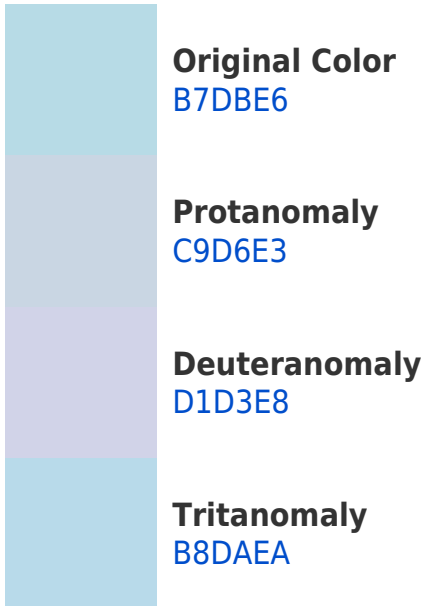
Dichromacy



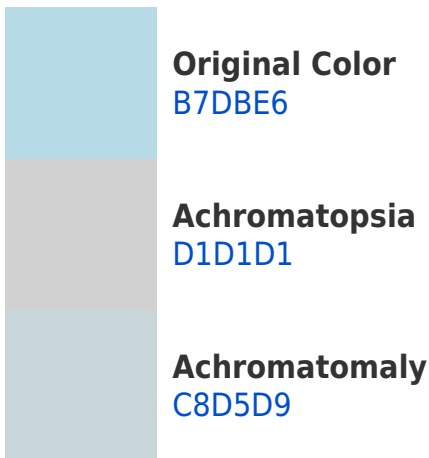


Tritanopia
B8DAEC

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B7DBE6 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 #B7DBE6 looks like.

```
.text, #text, p{  
    color:#B7DBE6  
}
```

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 #B7DBE6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B7DBE6
}
```

Border

The CSS property to change the border of an element to Hex B7DBE6 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
#B7DBE6 }
```

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

```
.border{ border-color:#B7DBE6 }
```

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

Here you see how a box with a 4 pixel #B7DBE6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B7DBE6; -webkit-box-shadow:4px 4px  
4px 4px #B7DBE6; box-shadow:4px 4px 4px  
4px #B7DBE6 }
```

Background

The CSS property to change the background color of an element to Hex B7DBE6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B7DBE6 }
```

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

```
.background{ background-color:#B7DBE6 }
```

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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