

Converting Colors

Hex(B0D0ED)

Have a look what the booklet for
Hex(B0D0ED) contains.

Hex(B0D0ED)	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(B0D0ED)

Conversions

Conversions Part 1

Format	Color
Hex	B0D0ED
RGB	176, 208, 237
RGB Percent	69%, 82%, 93%
CMY	0.3098, 0.1843, 0.0706
CMYK	0.26, 0.12, 0.00, 0.07
HSL	209°, 63%, 81%
HSV	209°, 26%, 93%
XYZ	55.7464, 60.4563, 88.8518
YIQ	201.7380, -28.3810, 2.2350

Conversions

Conversions Part 2

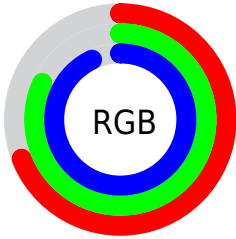
Format	Color
R _{YB}	176, 197, 237
Decimal	11587821
CIE Lab	82.09, -4.25, -17.78
CIE LCh	82, 18.283, 256.559
Yxy	60.4563, 0.2719, 0.2948
Android (android.graphics.Color)	4289777901 (0xFFB0D0ED)
YUV	201.7380, 17.3842, -22.5722
Hunter-Lab	77.7536, -8.0911, -13.3252

Details

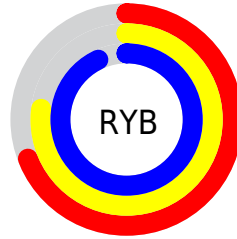
The Hex color **B0D0ED** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **EDCDB0**, and the grayscale version is **CACACA**.

A 20% lighter version of the original color is **E8FFFF**, and **7A9AB5** is the 20% darker color. If you saturate the color by 10%, you get **98C5ED**, and if you desaturate by 10%, it is **C8DBED**.

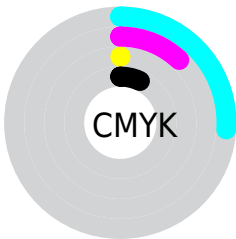
Distribution



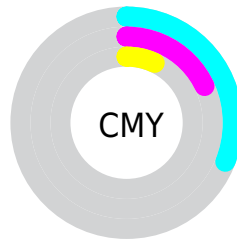
- Red (69%)
- Green (82%)
- Blue (93%)



- Red (69%)
- Yellow (77%)
- Blue (93%)



- Cyan (26%)
- Magenta (12%)
- Yellow (0%)
- Black (7%)



- Cyan (31%)
- Magenta (18%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Hex color B0D0ED 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 B0D0ED by changing the saturation by 10% instead.

 B0D0ED

 B0D0ED

FFFFFF

 95B4D1

 E8FFFF

 7A9AB5

 60809A

 476780

 2E4F67

 14384F

 002338

 000D23

 00000A

 B0D0ED

 B0D0ED

 98C5ED

 C8DBED

 81B9ED

 DFE7ED

 69AEED

 F7F2ED

 51A3ED

 FFFDED

 3A98ED

 FFFFED

 228CED

 0A81ED

 007CED

Harmonies

Analogous

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



A2D4E4



B0D0ED



C5CAED

Triad

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



B0D0ED



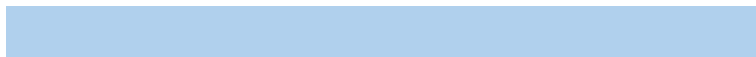
F0C0C3



BCD3B4

Complementary

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



B0D0ED



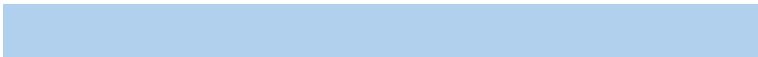
EDCDB0

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.



D0CEAB



B0D0ED



EDC3B4

Square

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



B0D0ED



EAC1D5



E1C8AB



AAD6C4

Rectangle

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



B0D0ED



D4C7E8



E1C8AB



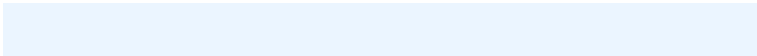
C3D1B0

Sweetspot

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



B0D0ED



EBF5FF



B0EDCC



737980



000000



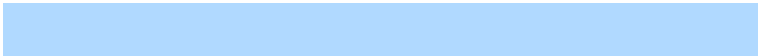
808080

Same Dimension

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



B0D0ED



B0D9FF



B0B2ED



6A7075



005FB5



001C36

Inverse Universe

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



EDB0D0



FFB0D9



EDEBB0



756A70



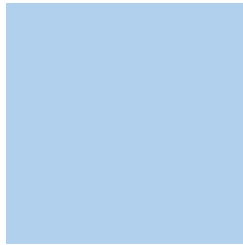
B5005F



36001C

Previews

White Background



This preview shows how the Hex color B0D0ED looks on a white background.

Color Contrast Check

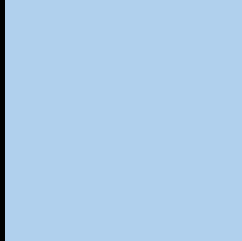
Large Text (above 18pt) WCAG AA × Fail

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 B0D0ED looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

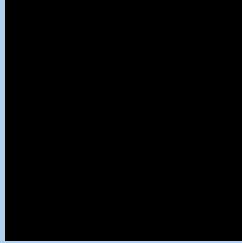
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

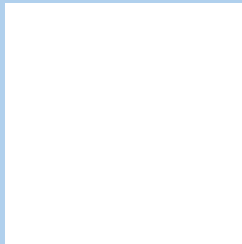
Any Text WCAG AAA ✓ Pass

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

Hex B0D0ED Background



This preview shows how black text looks on a background with the Hex color B0D0ED.

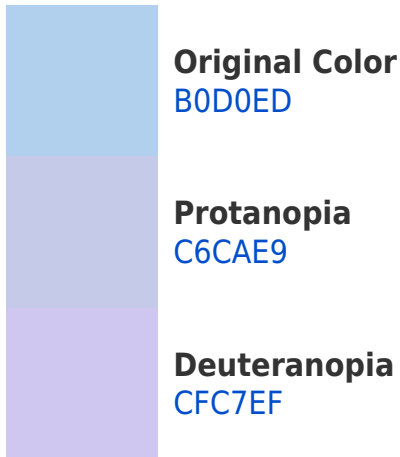


This preview shows how white text looks on a background with the Hex color B0D0ED.

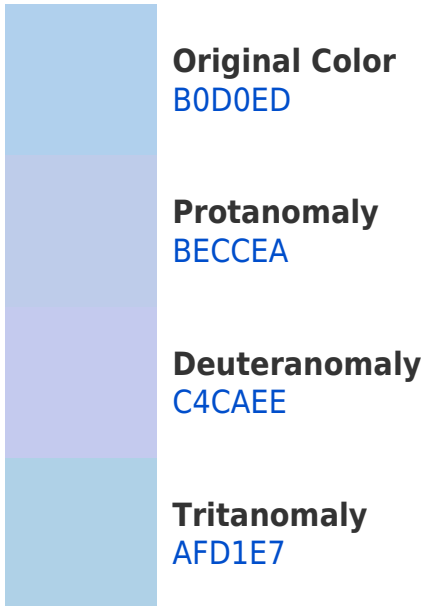
Color Blindness Simulation

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](#).

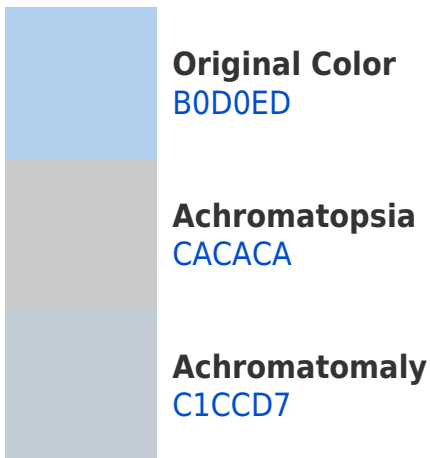
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B0D0ED 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 #B0D0ED looks like.

```
.text, #text, p{  
    color:#B0D0ED  
}
```

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 #B0D0ED colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B0D0ED
}
```

Border

The CSS property to change the border of an element to Hex B0D0ED 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
#B0D0ED }
```

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

```
.border{ border-color:#B0D0ED }
```

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

Here you see how a box with a 4 pixel #B0D0ED colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B0D0ED; -webkit-box-shadow:4px 4px  
4px 4px #B0D0ED; box-shadow:4px 4px 4px  
4px #B0D0ED }
```

Background

The CSS property to change the background color of an element to Hex B0D0ED is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B0D0ED }
```

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

```
.background{ background-color:#B0D0ED }
```

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