

Converting Colors

Hex(B0D2E0)

Have a look what the booklet for
Hex(B0D2E0) contains.

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Color

Hex(B0D2E0)

Conversions

Conversions Part 1

Format	Color
Hex	B0D2E0
RGB	176, 210, 224
RGB Percent	69%, 82%, 88%
CMY	0.3098, 0.1765, 0.1216
CMYK	0.21, 0.06, 0.00, 0.12
HSL	198°, 44%, 78%
HSV	198°, 21%, 88%
XYZ	54.4056, 60.7051, 79.3708
YIQ	201.4300, -24.7580, -2.8540

Conversions

Conversions Part 2

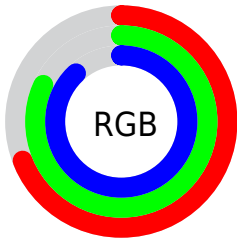
Format	Color
R _Y B	176, 196, 224
Decimal	11588320
CIE Lab	82.22, -8.21, -10.65
CIE LCh	82, 13.449, 232.370
Yxy	60.7051, 0.2797, 0.3121
Android (android.graphics.Color)	4289778400 (0xFFB0D2E0)
YUV	201.4300, 11.1270, -22.3021
Hunter-Lab	77.9135, -11.7051, -5.8595

Details

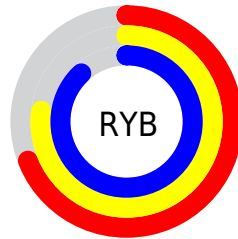
The Hex color **B0D2E0** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **E0BEB0**, and the grayscale version is **C9C9C9**.

A 20% lighter version of the original color is **E8FFFF**, and **7B9CA9** is the 20% darker color. If you saturate the color by 10%, you get **9ACBE0**, and if you desaturate by 10%, it is **C6D9E0**.

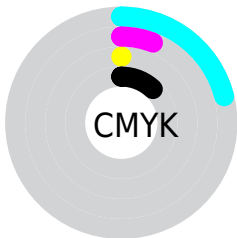
Distribution



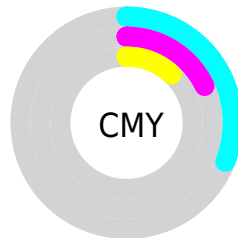
- Red (69%)
- Green (82%)
- Blue (88%)



- Red (69%)
- Yellow (77%)
- Blue (88%)



- Cyan (21%)
- Magenta (6%)
- Yellow (0%)
- Black (12%)



- Cyan (31%)
- Magenta (18%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Hex color B0D2E0 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 B0D2E0 by changing the saturation by 10% instead.

 B0D2E0

 B0D2E0

FFFFFF

 95B6C4

 E8FFFF

 7B9CA9

 61828E

 486875

 30505C

 183945

 00242E

 000F1A

 000000

 B0D2E0

 B0D2E0

 9ACBE0

 C6D9E0

 83C5E0

 DDDFE0

 6DBEE0

 F3E6E0

 56B8E0

 FFECE0

 40B1E0

 FFF3E0

 2AABE0

 FFF9E0

 13A4E0

 FFFFEO

 009FE0

Harmonies

Analogous

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



ADD4D6



B0D2E0



BBCFE5

Triad

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



B0D2E0



E4C4D0



CDCFB5

Complementary

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



B0D2E0



E0BEB0

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.



DACBB4



B0D2E0



E8C4C3

Square

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



B0D2E0



DAC7DC



E4C7B9



BED2BD

Rectangle

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



B0D2E0



C6CCE5



E4C7B9



D1CDB4

Sweetspot

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



B0D2E0



F0FBFF



B0E0BE



777D80



000000



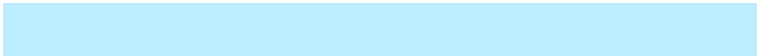
808080

Same Dimension

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



B0D2E0



BDECFE



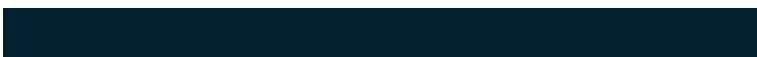
B0BAE0



656D70



007DB0



002230

Inverse Universe

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



E0B0D2



FFBDEC



E0D6B0



70656D



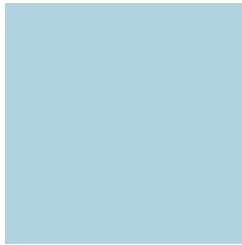
B0007D



300022

Previews

White Background



This preview shows how the Hex color B0D2E0 looks on a white background.

Color Contrast Check

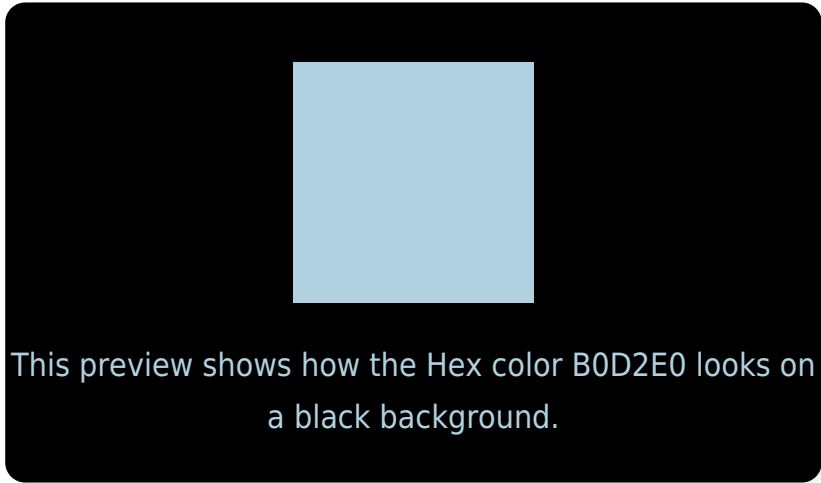
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

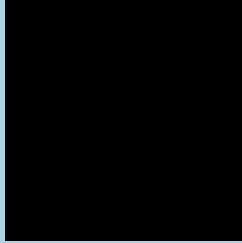
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

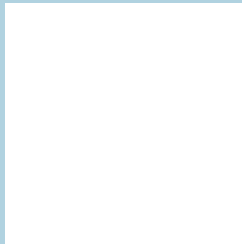
Any Text WCAG AAA ✓ Pass

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

Hex B0D2E0 Background



This preview shows how black text looks on a background with the Hex color B0D2E0.

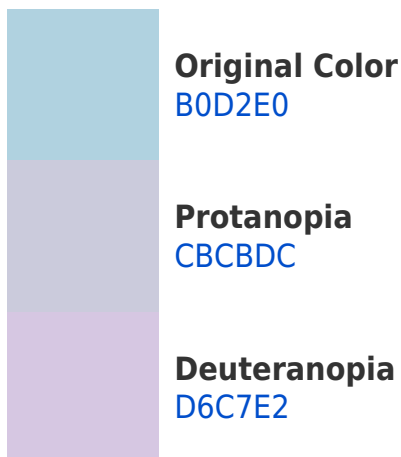


This preview shows how white text looks on a background with the Hex color B0D2E0.

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](#).

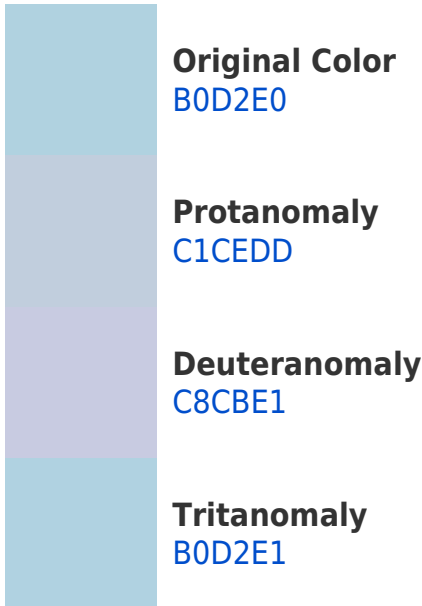
Dichromacy



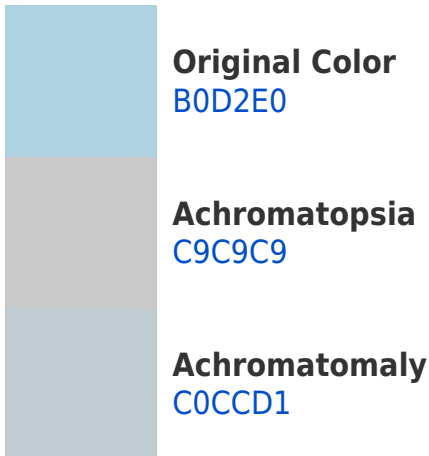


Tritanopia
B0D2E2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B0D2E0 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 #B0D2E0 looks like.

```
.text, #text, p{  
    color:#B0D2E0  
}
```

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 #B0D2E0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B0D2E0
}
```

Border

The CSS property to change the border of an element to Hex B0D2E0 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
#B0D2E0 }
```

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

```
.border{ border-color:#B0D2E0 }
```

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

Here you see how a box with a 4 pixel #B0D2E0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B0D2E0; -webkit-box-shadow:4px 4px  
4px 4px #B0D2E0; box-shadow:4px 4px 4px  
4px #B0D2E0 }
```

Background

The CSS property to change the background color of an element to Hex B0D2E0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B0D2E0 }
```

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

```
.background{ background-color:#B0D2E0 }
```

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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