

Converting Colors

Hex(B0E2D0)

Have a look what the booklet for
Hex(B0E2D0) contains.

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Color

Hex(B0E2D0)

Conversions

Conversions Part 1

Format	Color
Hex	B0E2D0
RGB	176, 226, 208
RGB Percent	69%, 89%, 82%
CMY	0.3098, 0.1137, 0.1843
CMYK	0.22, 0.00, 0.08, 0.11
HSL	158°, 46%, 79%
HSV	158°, 22%, 89%
XYZ	56.4860, 68.1769, 69.8568
YIQ	208.9980, -24.0220, -16.1980

Conversions

Conversions Part 2

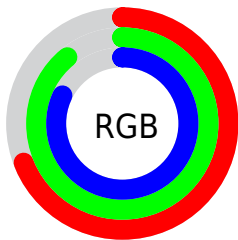
Format	Color
RYB	176, 206, 226
Decimal	11592400
CIELab	86.09, -19.69, 3.53
CIELCh	86, 20.002, 169.837
Yxy	68.1769, 0.2904, 0.3505
Android (android.graphics.Color)	4289782480 (0xFFB0E2D0)
YUV	208.9980, -0.4920, -28.9392
Hunter-Lab	82.5693, -22.3836, 7.6369

Details

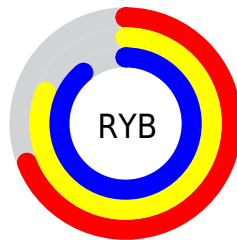
The Hex color **B0E2D0** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **E2B0C2**, and the grayscale version is **D1D1D1**.

A 20% lighter version of the original color is **E8FFFF**, and **7AAB9A** is the 20% darker color. If you saturate the color by 10%, you get **99E2C8**, and if you desaturate by 10%, it is **C7E2D8**.

Distribution



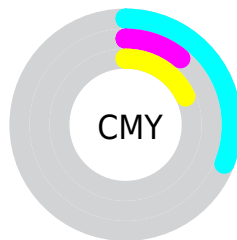
- Red (69%)
- Green (89%)
- Blue (82%)



- Red (69%)
- Yellow (81%)
- Blue (89%)



- Cyan (22%)
- Magenta (0%)
- Yellow (8%)
- Black (11%)



- Cyan (31%)
- Magenta (11%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color B0E2D0 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 B0E2D0 by changing the saturation by 10% instead.

 B0E2D0


 B0E2D0

FFFFFF

 95C6B4

 E8FFFF

 7AAB9A

 619080

 487667

 305D4F

 174538

 002F22

 001C0D

 000000

 B0E2D0

 B0E2D0

 99E2C8

 C7E2D8

 83E2C0

 DDE2E0

 6CE2B8

 F4E2E8

 56E2AF

 FFE2F1

 3FE2A7

 FFE2F9

 28E29F

 FFE2FF

 12E297

 00E291

Harmonies

Analogous

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



C3DFBE



B0E2D0



A6E2E3

Triad

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



B0E2D0



D3D5FB



FACEBB

Complementary

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



B0E2D0



E2B0C2

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.



FFCBCB



B0E2D0



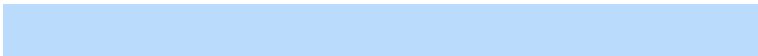
EACFF0

Square

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



B0E2D0



BADBFC



FACBDF



EDD4B2

Rectangle

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



B0E2D0



A6E1EF



FACBDF



FDCDC0

Sweetspot

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



B0E2D0



EDFFF9



C2E2B0



75807C



000000



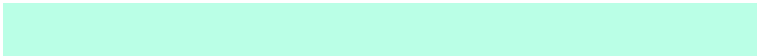
808080

Same Dimension

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



B0E2D0



BAFFE6



B0DBE2



65706C



00B071



00301F

Inverse Universe

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



E2B0C2



FFBAD3



E2B7B0



706569



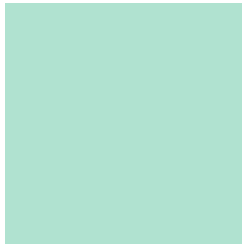
B0003F



300011

Previews

White Background



This preview shows how the Hex color B0E2D0 looks on a white background.

Color Contrast Check

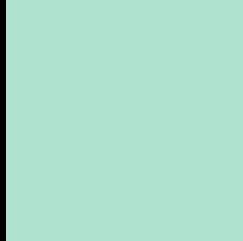
Large Text (above 18pt) WCAG AA × Fail

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 B0E2D0 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

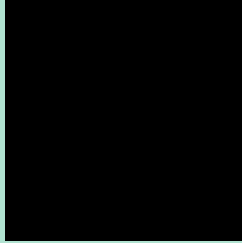
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

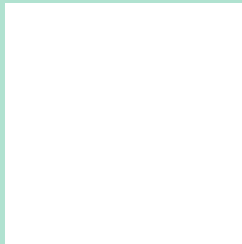
Any Text WCAG AAA ✓ Pass

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

Hex B0E2D0 Background



This preview shows how black text looks on a background with the Hex color B0E2D0.

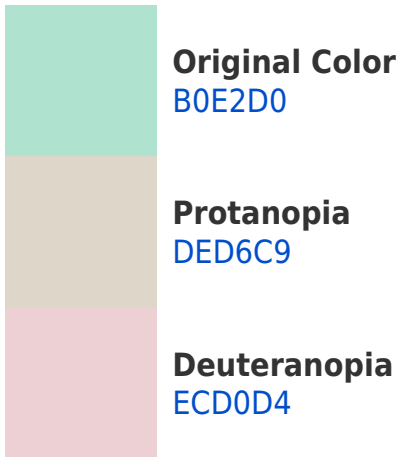


This preview shows how white text looks on a background with the Hex color B0E2D0.

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



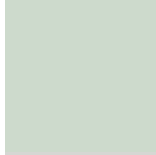


Tritanopia
B6DDEF

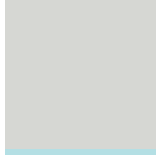
Trichromacy



Original Color
B0E2D0



Protanomaly
CDDACC



Deuteranomaly
D6D7D3

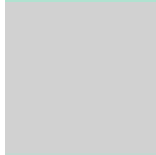


Tritanomaly
B4DFE4

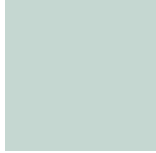
Monochromacy



Original Color
B0E2D0



Achromatopsia
D1D1D1



Achromatomaly
C5D7D1

CSS Examples

Text

The CSS property to change the color of the text to Hex B0E2D0 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 #B0E2D0 looks like.

```
.text, #text, p{  
    color:#B0E2D0  
}
```

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 #B0E2D0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B0E2D0
}
```

Border

The CSS property to change the border of an element to Hex B0E2D0 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
#B0E2D0 }
```

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

```
.border{ border-color:#B0E2D0 }
```

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

Here you see how a box with a 4 pixel #B0E2D0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B0E2D0; -webkit-box-shadow:4px 4px  
4px 4px #B0E2D0; box-shadow:4px 4px 4px  
4px #B0E2D0 }
```

Background

The CSS property to change the background color of an element to Hex B0E2D0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B0E2D0 }
```

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

```
.background{ background-color:#B0E2D0 }
```

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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