

Converting Colors

Hex(B0DEE7)

Have a look what the booklet for
Hex(B0DEE7) contains.

Hex(B0DEE7)	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(B0DEE7)

Conversions

Conversions Part 1

Format	Color
Hex	B0DEE7
RGB	176, 222, 231
RGB Percent	69%, 87%, 91%
CMY	0.3098, 0.1294, 0.0941
CMYK	0.24, 0.04, 0.00, 0.09
HSL	190°, 53%, 80%
HSV	190°, 24%, 91%
XYZ	58.4496, 67.2422, 85.4997
YIQ	209.2720, -30.3050, -6.9530

Conversions

Conversions Part 2

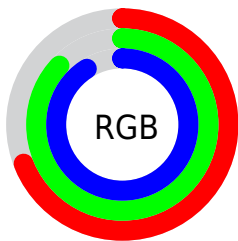
Format	Color
RYB	176, 201, 231
Decimal	11591399
CIELab	85.63, -12.85, -9.30
CIELCh	86, 15.863, 215.883
Yxy	67.2422, 0.2768, 0.3184
Android (android.graphics.Color)	4289781479 (0xFFB0DEE7)
YUV	209.2720, 10.7119, -29.1795
Hunter-Lab	82.0013, -16.2696, -4.4185

Details

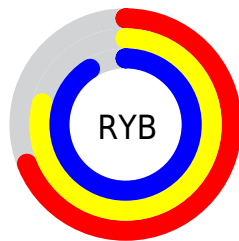
The Hex color **B0DEE7** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **E7B9B0**, and the grayscale version is **D1D1D1**.

A 20% lighter version of the original color is **E9FFFF**, and **7AA7AF** is the 20% darker color. If you saturate the color by 10%, you get **99DAE7**, and if you desaturate by 10%, it is **C7E2E7**.

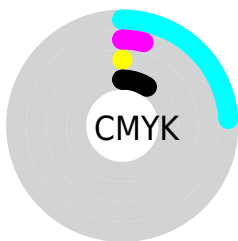
Distribution



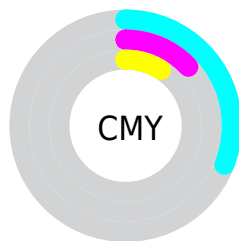
- Red (69%)
- Green (87%)
- Blue (91%)



- Red (69%)
- Yellow (79%)
- Blue (91%)



- Cyan (24%)
- Magenta (4%)
- Yellow (0%)
- Black (9%)



- Cyan (31%)
- Magenta (13%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color B0DEE7 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 B0DEE7 by changing the saturation by 10% instead.

 B0DEE7

 B0DEE7

FFFFFF

 95C2CB

 E9FFFF

 7AA7AF

 608C95

 47737B

 2E5A62

 13434A

 002C34

 00191F

 000004

 B0DEE7

 B0DEE7

 99DAE7

 C7E2E7

 82D6E7

 DEE6E7

 6BD3E7

 F5E9E7

 54CFE7

 FFEDE7

 3CCBE7

 FFF1E7

 25C7E7

 FFF5E7

 0EC4E7

 FFF8E7

 00C1E7

 FFFCE7

 FFFF E7

Harmonies

Analogous

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



B2DFD9



B0DEE7



B9DBF1

Triad

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



B0DEE7



ECCDE3



DFD6B8

Complementary

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



B0DEE7



E7B9B0

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.



EDD1BB



B0DEE7



F5CCD4

Square

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



B0DEE7



DDD1EE



F5CDC5



CEDBBE

Rectangle

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



B0DEE7



C3D8F4



F5CDC5



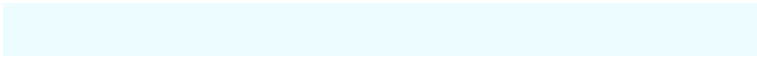
E4D4B8

Sweetspot

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



B0DEE7



EDFCFF



B0E7B8



757E80



000000



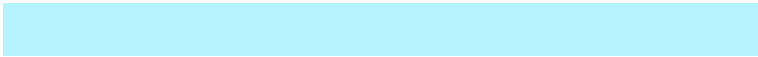
808080

Same Dimension

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



B0DEE7



B5F3FF



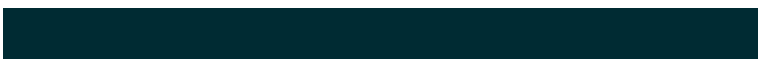
B0C3E7



677173



0095B3



002B33

Inverse Universe

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



E7B0DE



FFB5F3



E7D4B0



736771



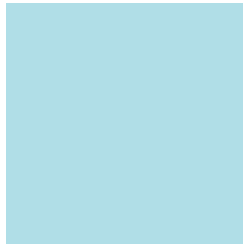
B30095



33002B

Previews

White Background



This preview shows how the Hex color B0DEE7 looks on a white background.

Color Contrast Check

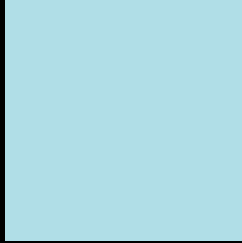
Large Text (above 18pt) WCAG AA × Fail

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 B0DEE7 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

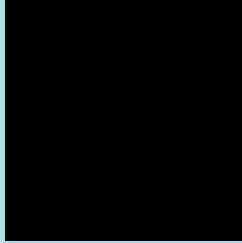
Any Text WCAG AA ✓ Pass

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 B0DEE7 Background



This preview shows how black text looks on a background with the Hex color B0DEE7.

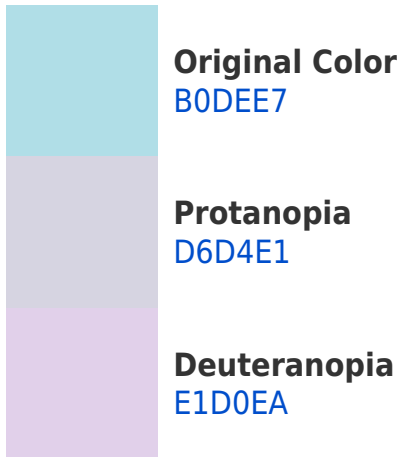


This preview shows how white text looks on a background with the Hex color B0DEE7.

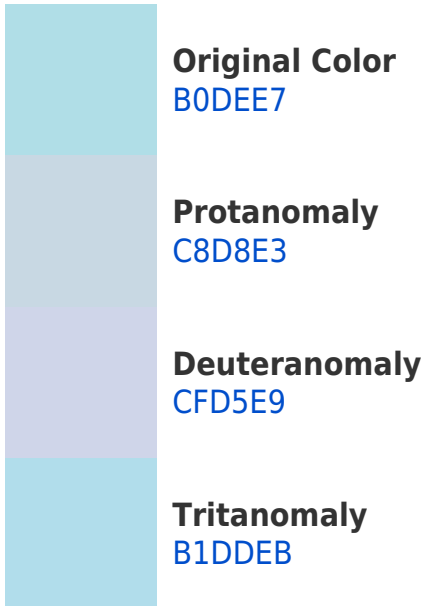
Color Blindness Simulation

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](#).

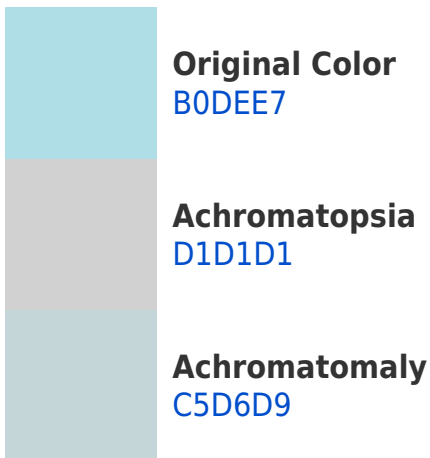
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B0DEE7 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 #B0DEE7 looks like.

```
.text, #text, p{  
    color:#B0DEE7  
}
```

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 #B0DEE7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B0DEE7
}
```

Border

The CSS property to change the border of an element to Hex B0DEE7 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
#B0DEE7 }
```

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

```
.border{ border-color:#B0DEE7 }
```

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

Here you see how a box with a 4 pixel #B0DEE7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B0DEE7; -webkit-box-shadow:4px 4px  
4px 4px #B0DEE7; box-shadow:4px 4px 4px  
4px #B0DEE7 }
```

Background

The CSS property to change the background color of an element to Hex B0DEE7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B0DEE7 }
```

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

```
.background{ background-color:#B0DEE7 }
```

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