

Converting Colors

Hex(B0CEE2)

Have a look what the booklet for
Hex(B0CEE2) contains.

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Color

Hex(B0CEE2)

Conversions

Conversions Part 1

Format	Color
Hex	B0CEE2
RGB	176, 206, 226
RGB Percent	69%, 81%, 89%
CMY	0.3098, 0.1922, 0.1137
CMYK	0.22, 0.09, 0.00, 0.11
HSL	204°, 46%, 79%
HSV	204°, 22%, 89%
XYZ	53.7033, 58.8637, 80.4829
YIQ	199.3100, -24.3000, -0.1400

Conversions

Conversions Part 2

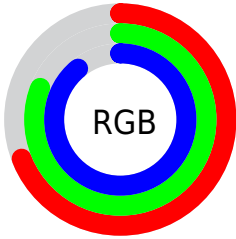
Format	Color
RYB	176, 195, 226
Decimal	11587298
CIELab	81.22, -5.68, -13.22
CIElCh	81, 14.387, 246.742
Yxy	58.8637, 0.2782, 0.3049
Android (android.graphics.Color)	4289777378 (0xFFB0CEE2)
YUV	199.3100, 13.1582, -20.4429
Hunter-Lab	76.7227, -9.3208, -8.4899

Details

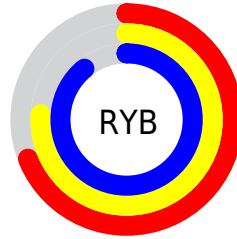
The Hex color **B0CEE2** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **E2C4B0**, and the grayscale version is **C7C7C7**.

A 20% lighter version of the original color is **E8FFFF**, and **7B98AB** is the 20% darker color. If you saturate the color by 10%, you get **99C5E2**, and if you desaturate by 10%, it is **C7D7E2**.

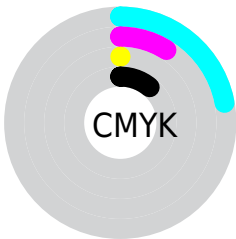
Distribution



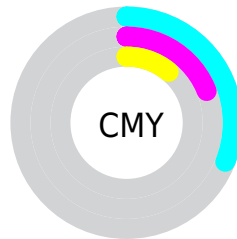
- Red (69%)
- Green (81%)
- Blue (89%)



- Red (69%)
- Yellow (76%)
- Blue (89%)



- Cyan (22%)
- Magenta (9%)
- Yellow (0%)
- Black (11%)



- Cyan (31%)
- Magenta (19%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color B0CEE2 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 B0CEE2 by changing the saturation by 10% instead.

 B0CEE2

 B0CEE2

FFFFFF

 95B3C6

 E8FFFF

 7B98AB

 617E90

 486577

 304D5E

 183646

 002130

 000A1B

 000000

 B0CEE2

 B0CEE2

 99C5E2

 C7D7E2

 83BCE2

 DDE0E2

 6CB3E2

 F4E9E2

 56AAE2

 FFF2E2

 3FA1E2

 FFFBE2

 2898E2

 FFFF2E2

 128FE2

 0088E2

Harmonies

Analogous

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



A8D1D9



B0CEE2



BFCAE4

Triad

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



B0CEE2



E6C1C7



C2CEB4

Complementary

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



B0CEE2



E2C4B0

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.



D2CAAF



B0CEE2



E6C2BA

Square

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



B0CEE2



DEC2D5



DEC5B1



B4D1BF

Rectangle

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



B0CEE2



CBC7E2



DEC5B1



C7CDB2

Sweetspot

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



B0CEE2



EDF8FF



B0E2C4



757B80



000000



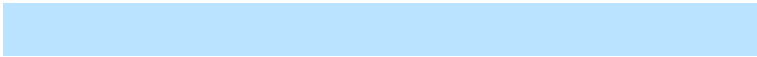
808080

Same Dimension

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



B0CEE2



BAE3FF



B0B5E2



656C70



006AB0



001D30

Inverse Universe

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



E2B0CE



FFBAE3



E2DDB0



70656C



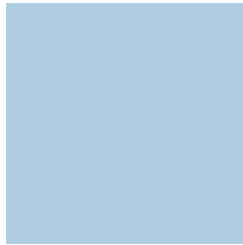
B0006A



30001D

Previews

White Background



This preview shows how the Hex color B0CEE2 looks on a white background.

Color Contrast Check

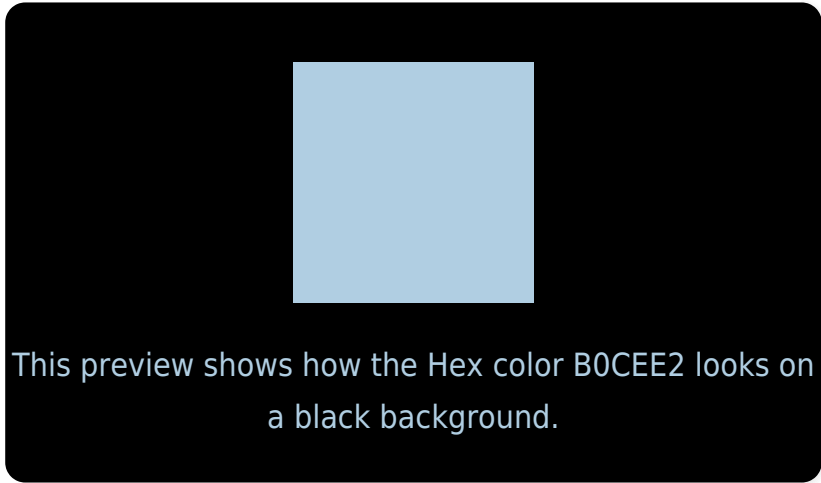
Large Text (above 18pt) WCAG AA × Fail

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

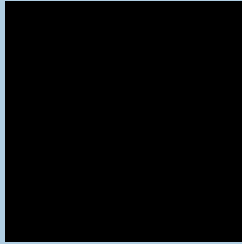
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

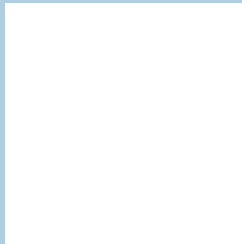
Any Text WCAG AAA ✓ Pass

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

Hex B0CEE2 Background



This preview shows how black text looks on a background with the Hex color B0CEE2.

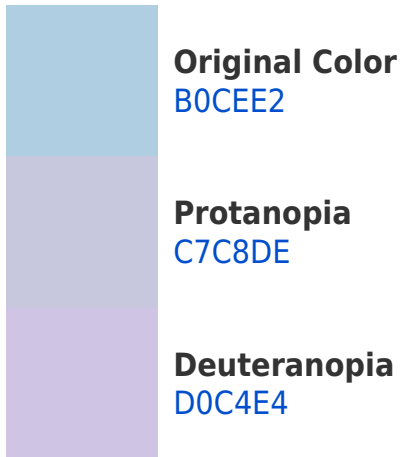


This preview shows how white text looks on a background with the Hex color B0CEE2.

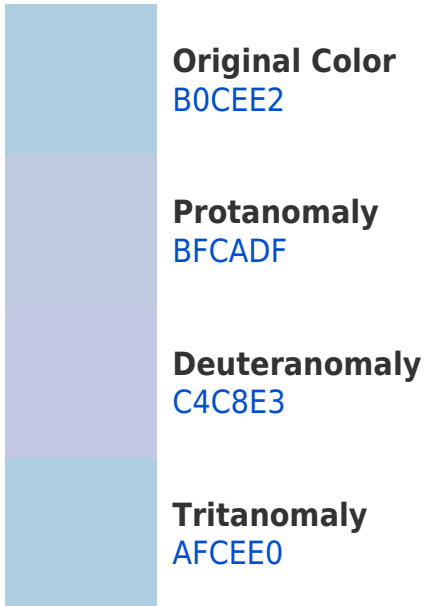
Color Blindness Simulation

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](#).

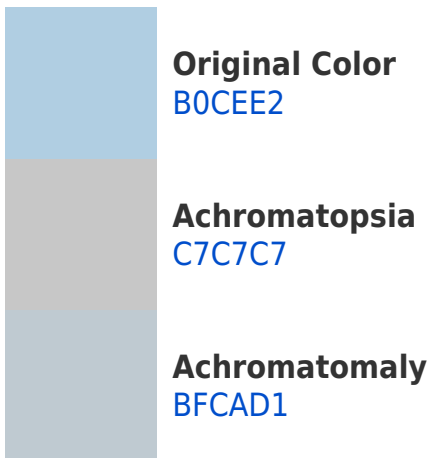
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B0CEE2 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 #B0CEE2 looks like.

```
.text, #text, p{  
    color:#B0CEE2  
}
```

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 #B0CEE2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B0CEE2
}
```

Border

The CSS property to change the border of an element to Hex B0CEE2 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
#B0CEE2 }
```

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

```
.border{ border-color:#B0CEE2 }
```

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

Here you see how a box with a 4 pixel #B0CEE2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B0CEE2; -webkit-box-shadow:4px 4px  
4px 4px #B0CEE2; box-shadow:4px 4px 4px  
4px #B0CEE2 }
```

Background

The CSS property to change the background color of an element to Hex B0CEE2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B0CEE2 }
```

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

```
.background{ background-color:#B0CEE2 }
```

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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