

Converting Colors

Hex(B0CAE2)

Have a look what the booklet for
Hex(B0CAE2) contains.

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Color

Hex(B0CAE2)

Conversions

Conversions Part 1

Format	Color
Hex	B0CAE2
RGB	176, 202, 226
RGB Percent	69%, 79%, 89%
CMY	0.3098, 0.2078, 0.1137
CMYK	0.22, 0.11, 0.00, 0.11
HSL	209°, 46%, 79%
HSV	209°, 22%, 89%
XYZ	52.7525, 56.9622, 80.1659
YIQ	196.9620, -23.2000, 1.9520

Conversions

Conversions Part 2

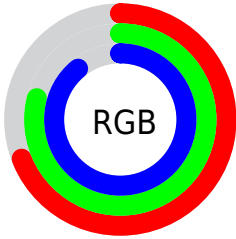
Format	Color
RYB	176, 193, 226
Decimal	11586274
CIELab	80.16, -3.57, -14.81
CIELCh	80, 15.230, 256.430
Yxy	56.9622, 0.2778, 0.3000
Android (android.graphics.Color)	4289776354 (0xFFB0CAE2)
YUV	196.9620, 14.3157, -18.3837
Hunter-Lab	75.4733, -7.3146, -10.1452

Details

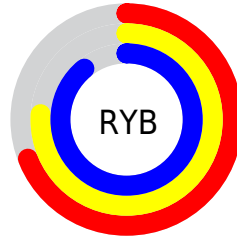
The Hex color **B0CAE2** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **E2C8B0**, and the grayscale version is **C5C5C5**.

A 20% lighter version of the original color is **E8FFFF**, and **7B94AB** is the 20% darker color. If you saturate the color by 10%, you get **99BFE2**, and if you desaturate by 10%, it is **C7D5E2**.

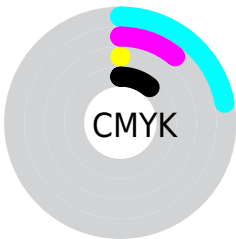
Distribution



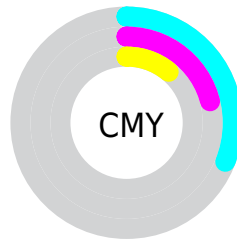
- Red (69%)
- Green (79%)
- Blue (89%)



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



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



- Cyan (31%)
- Magenta (21%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color B0CAE2 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 B0CAE2 by changing the saturation by 10% instead.

 B0CAE2


FFFFFF

 E8FFFF

 B0CAE2

 95AFC6

 7B94AB

 617A90

 486176

 304A5E

 183346

 001E30

 00031B

 000000

 B0CAE2

 B0CAE2

 99BFE2

 C7D5E2

 83B4E2

 DDE0E2

 6CA9E2

 F4EBE2

 569FE2

 FFF5E2

 3F94E2

 FFFF E2

 2889E2

 127EE2

 0076E2

Harmonies

Analogous

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



A4CEDB



B0CAE2



C1C5E2

Triad

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



B0CAE2



E5BDBF



BACCB3

Complementary

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



B0CAE2



E2C8B0

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.



CAC8AC



B0CAE2



E2BFB3

Square

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



B0CAE2



E0BECE



D9C4AC



ABCFC0

Rectangle

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



B0CAE2



CDC2DE



D9C4AC



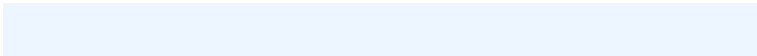
BFCBB0

Sweetspot

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



B0CAE2



EDF6FF



B0E2C7



757B80



000000



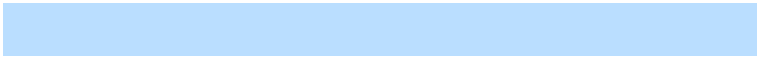
808080

Same Dimension

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



B0CAE2



BADEFF



B0B2E2



656B70



005BB0



001930

Inverse Universe

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



E2B0CA



FFBADE



E2E0B0



70656B



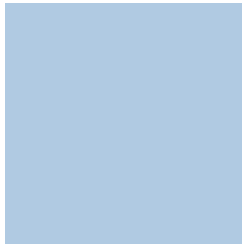
B0005B



300019

Previews

White Background



This preview shows how the Hex color B0CAE2 looks on a white background.

Color Contrast Check

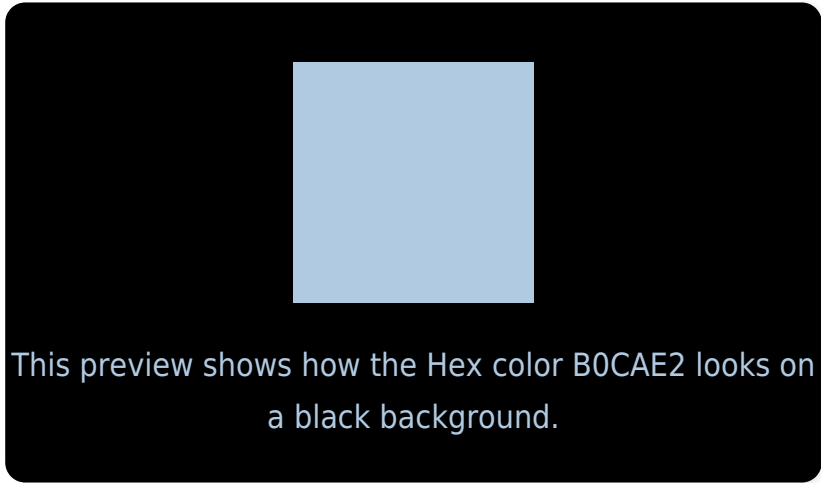
Large Text (above 18pt) WCAG AA × Fail

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

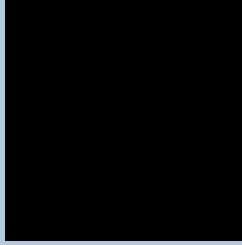
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

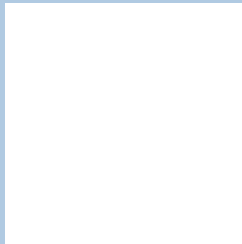
Any Text WCAG AAA ✓ Pass

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

Hex B0CAE2 Background



This preview shows how black text looks on a background with the Hex color B0CAE2.

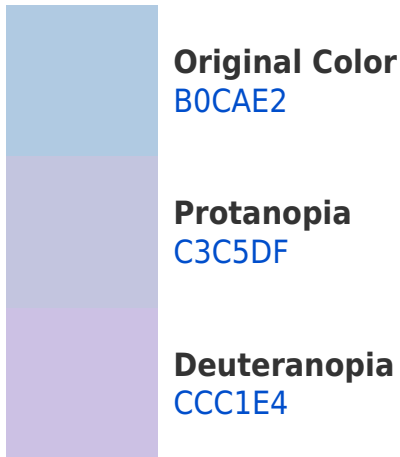


This preview shows how white text looks on a background with the Hex color B0CAE2.

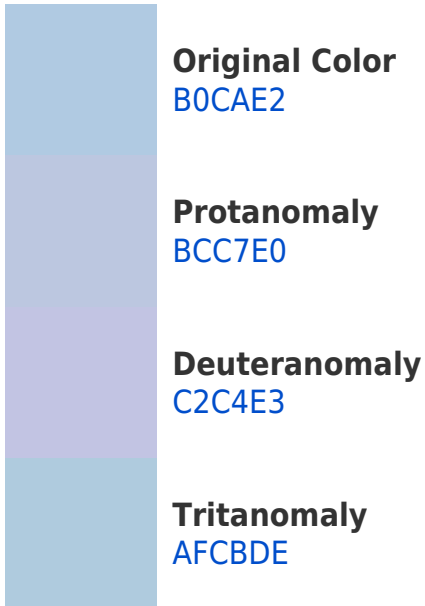
Color Blindness Simulation

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](#).

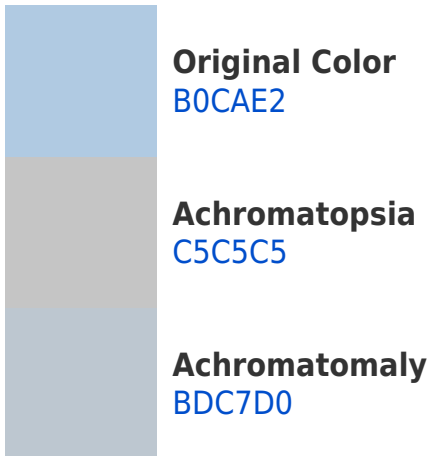
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B0CAE2 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 #B0CAE2 looks like.

```
.text, #text, p{  
    color:#B0CAE2  
}
```

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 #B0CAE2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B0CAE2
}
```

Border

The CSS property to change the border of an element to Hex B0CAE2 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
#B0CAE2 }
```

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

```
.border{ border-color:#B0CAE2 }
```

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

Here you see how a box with a 4 pixel #B0CAE2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B0CAE2; -webkit-box-shadow:4px 4px  
4px 4px #B0CAE2; box-shadow:4px 4px 4px  
4px #B0CAE2 }
```

Background

The CSS property to change the background color of an element to Hex B0CAE2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B0CAE2 }
```

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

```
.background{ background-color:#B0CAE2 }
```

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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