

Converting Colors

Hex(B0E6E2)

Have a look what the booklet for
Hex(B0E6E2) contains.

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Color

Hex(**B0E6E2**)

Conversions

Conversions Part 1

Format	Color
Hex	<code>B0E6E2</code>
RGB	<code>176, 230, 226</code>
RGB Percent	<code>69%, 90%, 89%</code>
CMY	<code>0.3098, 0.0980, 0.1137</code>
CMYK	<code>0.23, 0.00, 0.02, 0.10</code>
HSL	<code>176°, 52%, 80%</code>
HSV	<code>176°, 23%, 90%</code>
XYZ	<code>59.9288, 71.3147, 82.5580</code>
YIQ	<code>213.3980, -30.9000, -12.6920</code>

Conversions

Conversions Part 2

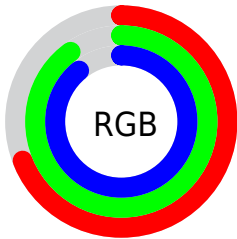
Format	Color
RYB	176, 204, 230
Decimal	11593442
CIELab	87.64, -17.97, -3.69
CIELCh	88, 18.341, 191.602
Yxy	71.3147, 0.2803, 0.3336
Android (android.graphics.Color)	4289783522 (0xFFB0E6E2)
YUV	213.3980, 6.2128, -32.7980
Hunter-Lab	84.4480, -21.1111, 1.1506

Details

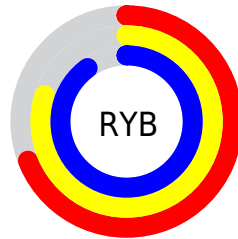
The Hex color **B0E6E2** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **E6B0B4**, and the grayscale version is **D5D5D5**.

A 20% lighter version of the original color is **E9FFFF**, and **7AAEAB** is the 20% darker color. If you saturate the color by 10%, you get **99E6E0**, and if you desaturate by 10%, it is **C7E6E4**.

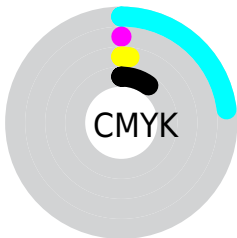
Distribution



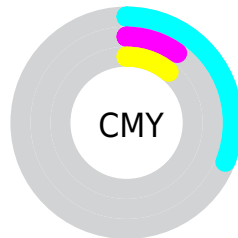
- Red (69%)
- Green (90%)
- Blue (89%)



- Red (69%)
- Yellow (80%)
- Blue (90%)



- Cyan (23%)
- Magenta (0%)
- Yellow (2%)
- Black (10%)



- Cyan (31%)
- Magenta (10%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color B0E6E2 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 B0E6E2 by changing the saturation by 10% instead.

 B0E6E2

 B0E6E2

FFFFFF

 95CAC6

 E9FFFF

 7AAEAB

 609490

 477A77

 2D615E

 124946

 003230

 001E1B

 000000

 B0E6E2

 B0E6E2

 99E6E0

 C7E6E4

 82E6DF

 DEE6E5

 6BE6DD

 F5E6E7

 54E6DB

 FFE6E9

 3DE6D9

 FFE6EB

 26E6D8

 FFE6EC

 0FE6D6

 FFE6EE

 00E6D5

 FFE6F0

 FFE6F1

Harmonies

Analogous

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



BCE5D0



B0E6E2



B0E4F2

Triad

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



B0E6E2



E7D5F6



F4D7BB

Complementary

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



B0E6E2



E6B0B4

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.



FFD2C5



B0E6E2



F8D1E7

Square

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



B0E6E2



D1DBFE



FFD0D5



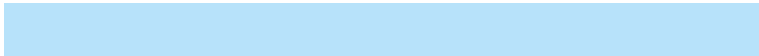
E3DDBA

Rectangle

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



B0E6E2



B7E2FA



FFD0D5



F8D5BE

Sweetspot

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



B0E6E2



EDFFFE



B5E6B0



75807F



000000



808080

Same Dimension

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



B0E6E2



B8FFFA



B0D0E6



677372



00B3A5



00332F

Inverse Universe

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



E6B0B4



FFB8BD



E6C7B0



736768



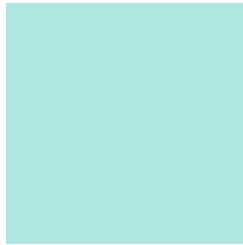
B3000D



330004

Previews

White Background



This preview shows how the Hex color B0E6E2 looks on a white background.

Color Contrast Check

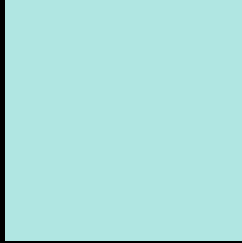
Large Text (above 18pt) WCAG AA × Fail

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 B0E6E2 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 B0E6E2 Background



This preview shows how black text looks on a background with the Hex color B0E6E2.

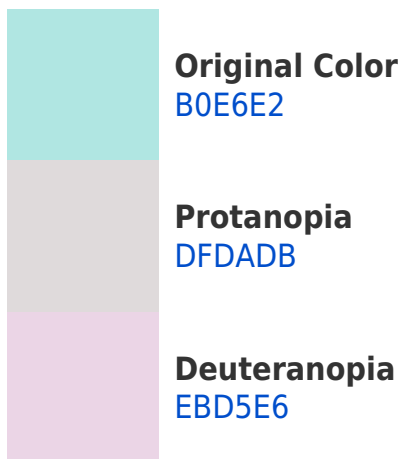


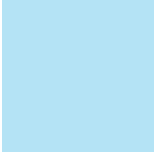
This preview shows how white text looks on a background with the Hex color B0E6E2.

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



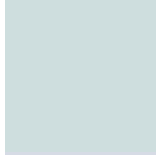


Tritanopia
B4E3F5

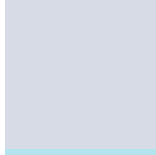
Trichromacy



Original Color
B0E6E2



Protanomaly
CEDEDE



Deuteranomaly
D6DBE5

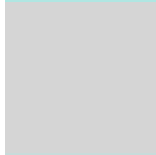


Tritanomaly
B3E4EE

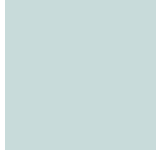
Monochromacy



Original Color
B0E6E2



Achromatopsia
D5D5D5



Achromatomaly
C8DBDA

CSS Examples

Text

The CSS property to change the color of the text to Hex B0E6E2 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 #B0E6E2 looks like.

```
.text, #text, p{  
    color:#B0E6E2  
}
```

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 #B0E6E2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B0E6E2
}
```

Border

The CSS property to change the border of an element to Hex B0E6E2 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
#B0E6E2 }
```

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

```
.border{ border-color:#B0E6E2 }
```

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

Here you see how a box with a 4 pixel #B0E6E2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B0E6E2; -webkit-box-shadow:4px 4px  
4px 4px #B0E6E2; box-shadow:4px 4px 4px  
4px #B0E6E2 }
```

Background

The CSS property to change the background color of an element to Hex B0E6E2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B0E6E2 }
```

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

```
.background{ background-color:#B0E6E2 }
```

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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