

Converting Colors

Hex(B0E8D2)

Have a look what the booklet for
Hex(B0E8D2) contains.

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Color

Hex(B0E8D2)

Conversions

Conversions Part 1

Format	Color
Hex	B0E8D2
RGB	176, 232, 210
RGB Percent	69%, 91%, 82%
CMY	0.3098, 0.0902, 0.1765
CMYK	0.24, 0.00, 0.09, 0.09
HSL	156°, 55%, 80%
HSV	156°, 24%, 91%
XYZ	58.3940, 71.5965, 71.7146
YIQ	212.7480, -26.3140, -18.7140

Conversions

Conversions Part 2

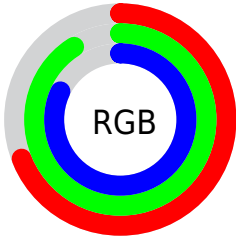
Format	Color
RYB	176, 211, 232
Decimal	11593938
CIELab	87.77, -22.25, 4.91
CIELCh	88, 22.780, 167.556
Yxy	71.5965, 0.2895, 0.3550
Android (android.graphics.Color)	4289784018 (0xFFB0E8D2)
YUV	212.7480, -1.3548, -32.2280
Hunter-Lab	84.6147, -24.8900, 8.9795

Details

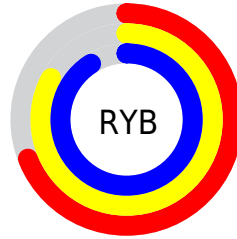
The Hex color **B0E8D2** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **E8B0C6**, and the grayscale version is **D5D5D5**.

A 20% lighter version of the original color is **E8FFFF**, and **7AB09C** is the 20% darker color. If you saturate the color by 10%, you get **99E8C9**, and if you desaturate by 10%, it is **C7E8DB**.

Distribution



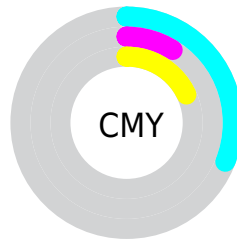
- Red (69%)
- Green (91%)
- Blue (82%)



- Red (69%)
- Yellow (83%)
- Blue (91%)



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



- Cyan (31%)
- Magenta (9%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color B0E8D2 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 B0E8D2 by changing the saturation by 10% instead.

 B0E8D2

 B0E8D2

FFFFFF

 95CCB6

 E8FFFF

 7AB09C

 609582

 477B68

 2E6250

 144A39

 003324

 001F0F

 000000

 B0E8D2

 B0E8D2

 99E8C9

 C7E8DB

 82E8C0

 DEE8E4

 6AE8B7

 F6E8ED

 53E8AE

 FFE8F6

 3CE8A4

 FFE8FF

 25E89B

 0EE892

 00E88D

Harmonies

Analogous

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



C7E5BE



B0E8D2



A2E9E8

Triad

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



B0E8D2



D4DAFF



FFD1BD

Complementary

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



B0E8D2



E8B0C6

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.



FFCDD0



B0E8D2



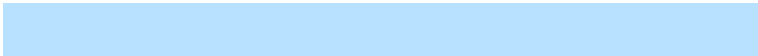
EFD2F9

Square

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



B0E8D2



B8E1FF



FFCEE6



F5D8B2

Rectangle

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



B0E8D2



A2E7F6



FFCEE6



FFCFC3

Sweetspot

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



B0E8D2



EDFFF8



C6E8B0



75807B



000000



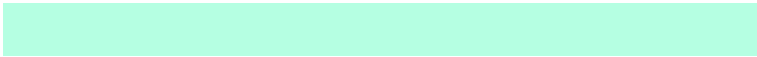
808080

Same Dimension

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



B0E8D2



B5FFE2



B0E2E8



67736E



00B36C



00331F

Inverse Universe

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



E8B0C6



FFB5D2



E8B6B0



73676C



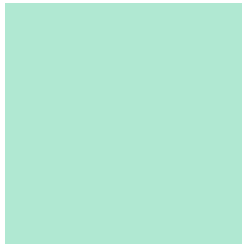
B30046



330014

Previews

White Background



This preview shows how the Hex color B0E8D2 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 B0E8D2 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

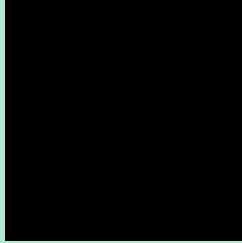
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

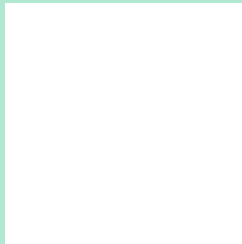
Any Text WCAG AAA ✓ Pass

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

Hex B0E8D2 Background



This preview shows how black text looks on a background with the Hex color B0E8D2.

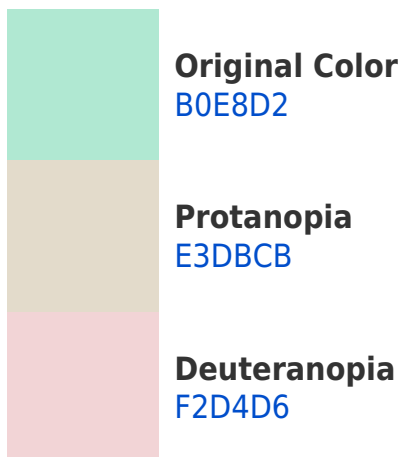


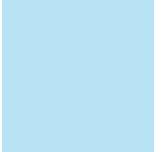
This preview shows how white text looks on a background with the Hex color B0E8D2.

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



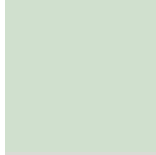


Tritanopia
B7E3F5

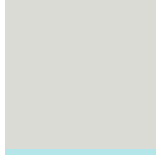
Trichromacy



Original Color
B0E8D2



Protanomaly
D0E0CE



Deuteranomaly
DADB D5

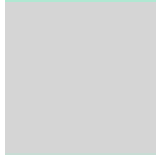


Tritanomaly
B4E5E8

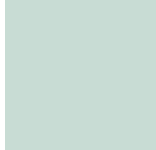
Monochromacy



Original Color
B0E8D2



Achromatopsia
D5D5D5



Achromatomaly
C8DCD4

CSS Examples

Text

The CSS property to change the color of the text to Hex B0E8D2 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 #B0E8D2 looks like.

```
.text, #text, p{  
    color:#B0E8D2  
}
```

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 #B0E8D2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B0E8D2
}
```

Border

The CSS property to change the border of an element to Hex B0E8D2 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
#B0E8D2 }
```

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

```
.border{ border-color:#B0E8D2 }
```

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

Here you see how a box with a 4 pixel #B0E8D2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B0E8D2; -webkit-box-shadow:4px 4px  
4px 4px #B0E8D2; box-shadow:4px 4px 4px  
4px #B0E8D2 }
```

Background

The CSS property to change the background color of an element to Hex B0E8D2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B0E8D2 }
```

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

```
.background{ background-color:#B0E8D2 }
```

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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