

Converting Colors

Hex(B7E1D2)

Have a look what the booklet for
Hex(B7E1D2) contains.

Hex(B7E1D2)	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(B7E1D2)

Conversions

Conversions Part 1

Format	Color
Hex	B7E1D2
RGB	183, 225, 210
RGB Percent	72%, 88%, 82%
CMY	0.2824, 0.1176, 0.1765
CMYK	0.19, 0.00, 0.07, 0.12
HSL	159°, 41%, 80%
HSV	159°, 19%, 88%
XYZ	58.0865, 68.5709, 71.1468
YIQ	210.7320, -20.2170, -13.5690

Conversions

Conversions Part 2

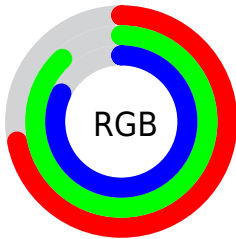
Format	Color
RYB	183, 209, 225
Decimal	12050898
CIELab	86.29, -16.60, 2.81
CIELCh	86, 16.837, 170.384
Yxy	68.5709, 0.2937, 0.3467
Android (android.graphics.Color)	4290240978 (0xFFB7E1D2)
YUV	210.7320, -0.3609, -24.3210
Hunter-Lab	82.8075, -19.7018, 7.0243

Details

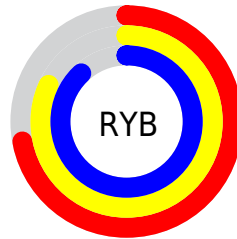
The Hex color **B7E1D2** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **E1B7C6**, and the grayscale version is **D3D3D3**.

A 20% lighter version of the original color is **FFFFFF**, and **81AA9C** is the 20% darker color. If you saturate the color by 10%, you get **A1E1CA**, and if you desaturate by 10%, it is **CEE1DA**.

Distribution



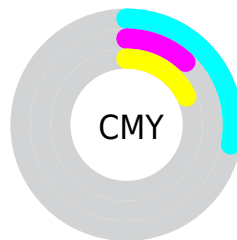
- Red (72%)
- Green (88%)
- Blue (82%)



- Red (72%)
- Yellow (82%)
- Blue (88%)



- Cyan (19%)
- Magenta (0%)
- Yellow (7%)
- Black (12%)



- Cyan (28%)
- Magenta (12%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color B7E1D2 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 B7E1D2 by changing the saturation by 10% instead.

 B7E1D2

FFFFFF

 EFFFFFF

 B7E1D2

 9CC5B6

 81AA9C

 688F82

 4F7568

 375D50

 204539

 072E24

 001B0F

 000000

 B7E1D2

 B7E1D2

 A1E1CA

 CEE1DA

 8AE1C2

 E4E1E2

 74E1BA

 FBE1EA

 5DE1B2

 FFE1F2

 47E1AA

 FFE1FA

 30E1A2

 FFE1FF

 1AE19A

 03E192

 00E191

Harmonies

Analogous

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



C7DFC3



B7E1D2



AFE1E2

Triad

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



B7E1D2



D5D6F6



F6D0C0

Complementary

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



B7E1D2



E1B7C6

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.



FACDCD



B7E1D2



E8D1EC

Square

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



B7E1D2



C1DBF7



F5CDDE



EAD5B9

Rectangle

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



B7E1D2



B0E0EC



F5CDDE



F8CFC4

Sweetspot

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



B7E1D2



F0FFFA



C6E1B7



77807C



000000



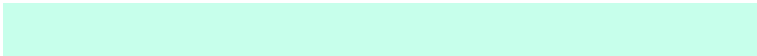
808080

Same Dimension

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



B7E1D2



C7FFEB



B7DBE1



65706C



00B071



00301F

Inverse Universe

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



E1B7C6



FFC7DB



E1BDB7



706569



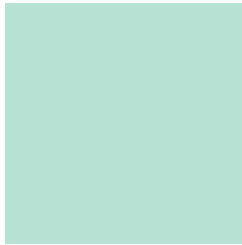
B0003F



300011

Previews

White Background



This preview shows how the Hex color B7E1D2 looks on a white background.

Color Contrast Check

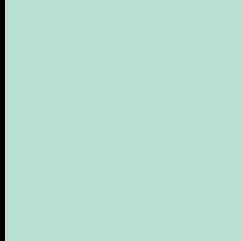
Large Text (above 18pt) WCAG AA × Fail

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 B7E1D2 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

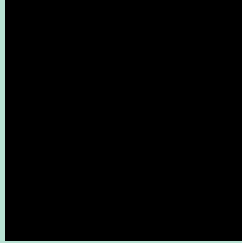
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

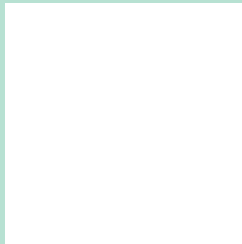
Any Text WCAG AAA ✓ Pass

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

Hex B7E1D2 Background



This preview shows how black text looks on a background with the Hex color B7E1D2.

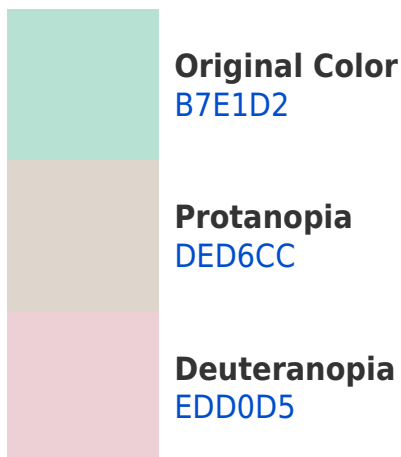


This preview shows how white text looks on a background with the Hex color B7E1D2.

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](#).

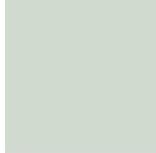
Dichromacy



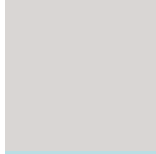
Trichromacy



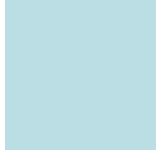
Original Color
B7E1D2



Protanomaly
D0DACE



Deuteranomaly
D9D6D4

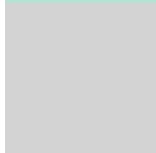


Tritanomaly
BADEE4

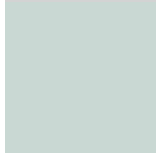
Monochromacy



Original Color
B7E1D2



Achromatopsia
D3D3D3



Achromatomaly
C9D8D3

CSS Examples

Text

The CSS property to change the color of the text to Hex B7E1D2 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 #B7E1D2 looks like.

```
.text, #text, p{  
    color:#B7E1D2  
}
```

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 #B7E1D2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B7E1D2
}
```

Border

The CSS property to change the border of an element to Hex B7E1D2 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
#B7E1D2 }
```

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

```
.border{ border-color:#B7E1D2 }
```

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

Here you see how a box with a 4 pixel #B7E1D2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B7E1D2; -webkit-box-shadow:4px 4px  
4px 4px #B7E1D2; box-shadow:4px 4px 4px  
4px #B7E1D2 }
```

Background

The CSS property to change the background color of an element to Hex B7E1D2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B7E1D2 }
```

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

```
.background{ background-color:#B7E1D2 }
```

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