

Converting Colors

Hex(B7E2D9)

Have a look what the booklet for
Hex(B7E2D9) contains.

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Color

Hex(B7E2D9)

Conversions

Conversions Part 1

Format	Color
Hex	B7E2D9
RGB	183, 226, 217
RGB Percent	72%, 89%, 85%
CMY	0.2824, 0.1137, 0.1490
CMYK	0.19, 0.00, 0.04, 0.11
HSL	167°, 43%, 80%
HSV	167°, 19%, 89%
XYZ	59.2492, 69.4697, 75.9319
YIQ	212.1170, -22.7390, -11.9150

Conversions

Conversions Part 2

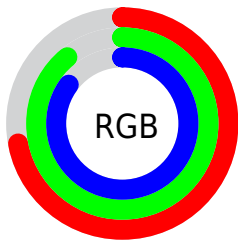
Format	Color
RYB	183, 207, 226
Decimal	12051161
CIELab	86.74, -15.71, -0.23
CIElCh	87, 15.708, 180.828
Yxy	69.4697, 0.2895, 0.3395
Android (android.graphics.Color)	4290241241 (0xFFB7E2D9)
YUV	212.1170, 2.4073, -25.5356
Hunter-Lab	83.3485, -18.9713, 4.3298

Details

The Hex color **B7E2D9** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **E2B7C0**, and the grayscale version is **D4D4D4**.

A 20% lighter version of the original color is **FFFFFF**, and **81ABA2** is the 20% darker color. If you saturate the color by 10%, you get **A0E2D4**, and if you desaturate by 10%, it is **CEE2DE**.

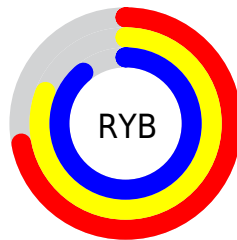
Distribution



Red (72%)

Green (89%)

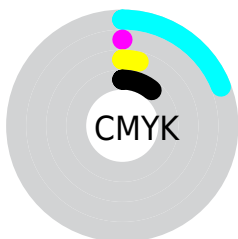
Blue (85%)



Red (72%)

Yellow (81%)

Blue (89%)

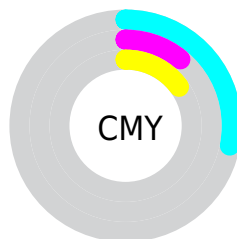


Cyan (19%)

Magenta (0%)

Yellow (4%)

Black (11%)



Cyan (28%)

Magenta (11%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color B7E2D9 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 B7E2D9 by changing the saturation by 10% instead.

 B7E2D9

FFFFFF

 EFFFFFF

 B7E2D9

 9CC6BD

 81ABA2

 689088

 4F766F

 375E56

 1F463F

 062F29

 001B15

 000000

 B7E2D9

 B7E2D9

 A0E2D4

 CEE2DE

 8AE2D0

 E4E2E2

 73E2CB

 FBE2E7

 5DE2C6

 FFE2EC

 46E2C1

 FFE2F1

 2FE2BD

 FFE2F5

 19E2B8

 FFE2FA

 02E2B3

 FFE2FF

 00E2B3

Harmonies

Analogous

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



C3E0CA



B7E2D9



B3E1E8

Triad

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



B7E2D9



DDD5F3



F2D3C0

Complementary

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



B7E2D9



E2B7C0

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.



F9D0CB



B7E2D9



EDD1E8

Square

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



B7E2D9



CADAF7



F7CFD9



E5D8BC

Rectangle

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



B7E2D9



B7E0F0



F7CFD9



F5D2C3

Sweetspot

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



B7E2D9



F0FFFC



C0E2B7



77807E



000000



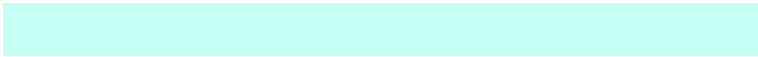
808080

Same Dimension

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



B7E2D9



C4FFF3



B7D6E2



65706E



00B08B



003026

Inverse Universe

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



E2B7C0



FFC4D1



E2C3B7



706567



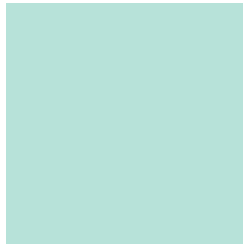
B00025



30000A

Previews

White Background



This preview shows how the Hex color B7E2D9 looks on a white background.

Color Contrast Check

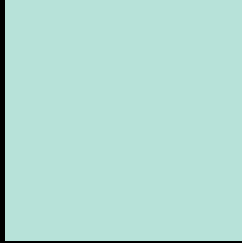
Large Text (above 18pt) WCAG AA × Fail

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 B7E2D9 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

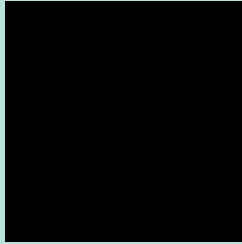
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

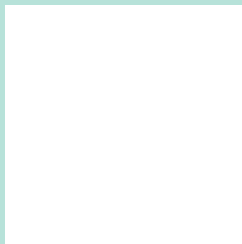
Any Text WCAG AAA ✓ Pass

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

Hex B7E2D9 Background



This preview shows how black text looks on a background with the Hex color B7E2D9.

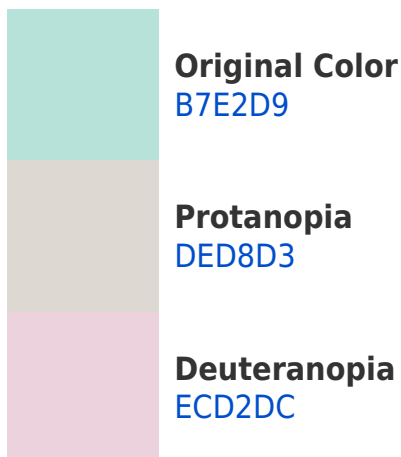


This preview shows how white text looks on a background with the Hex color B7E2D9.

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



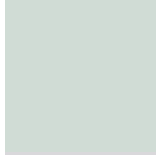


Tritanopia
BBDEF0

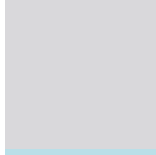
Trichromacy



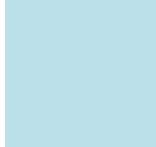
Original Color
B7E2D9



Protanomaly
D0DCD5



Deuteranomaly
D9D8DB

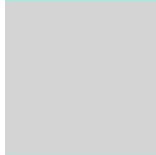


Tritanomaly
BADFE8

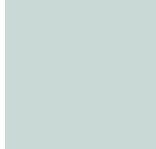
Monochromacy



Original Color
B7E2D9



Achromatopsia
D4D4D4



Achromatomaly
C9D9D6

CSS Examples

Text

The CSS property to change the color of the text to Hex B7E2D9 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 #B7E2D9 looks like.

```
.text, #text, p{  
    color:#B7E2D9  
}
```

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 #B7E2D9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B7E2D9
}
```

Border

The CSS property to change the border of an element to Hex B7E2D9 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
#B7E2D9 }
```

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

```
.border{ border-color:#B7E2D9 }
```

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

Here you see how a box with a 4 pixel #B7E2D9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B7E2D9; -webkit-box-shadow:4px 4px  
4px 4px #B7E2D9; box-shadow:4px 4px 4px  
4px #B7E2D9 }
```

Background

The CSS property to change the background color of an element to Hex B7E2D9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B7E2D9 }
```

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

```
.background{ background-color:#B7E2D9 }
```

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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