

Converting Colors

Hex(B7DEC3)

Have a look what the booklet for
Hex(B7DEC3) contains.

Hex(B7DEC3)	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(B7DEC3)

Conversions

Conversions Part 1

Format	Color
Hex	B7DEC3
RGB	183, 222, 195
RGB Percent	72%, 87%, 76%
CMY	0.2824, 0.1294, 0.2353
CMYK	0.18, 0.00, 0.12, 0.13
HSL	138°, 37%, 79%
HSV	138°, 18%, 87%
XYZ	55.5000, 66.2500, 61.4921
YIQ	207.2610, -14.5770, -16.6650

Conversions

Conversions Part 2

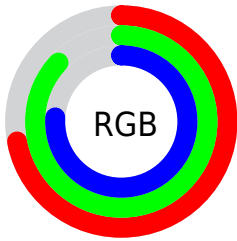
Format	Color
RYB	183, 213, 222
Decimal	12050115
CIELab	85.12, -17.96, 9.03
CIElCh	85, 20.107, 153.299
Yxy	66.2500, 0.3029, 0.3615
Android (android.graphics.Color)	4290240195 (0xFFB7DEC3)
YUV	207.2610, -6.0447, -21.2769
Hunter-Lab	81.3941, -20.7262, 12.1831

Details

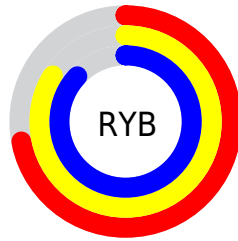
The Hex color **B7DEC3** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **DEB7D2**, and the grayscale version is **CFCFCF**.

A 20% lighter version of the original color is **EFFFC**, and **82A78D** is the 20% darker color. If you saturate the color by 10%, you get **A1DEB4**, and if you desaturate by 10%, it is **CDDED2**.

Distribution



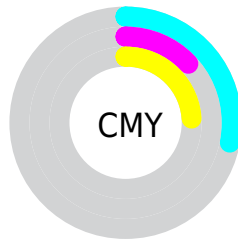
- Red (72%)
- Green (87%)
- Blue (76%)



- Red (72%)
- Yellow (84%)
- Blue (87%)



- Cyan (18%)
- Magenta (0%)
- Yellow (12%)
- Black (13%)



- Cyan (28%)
- Magenta (13%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color B7DEC3 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 B7DEC3 by changing the saturation by 10% instead.

 B7DEC3

FFFFFF

 EFFFFC

 B7DEC3

 9CC2A8

 82A78D

 688C74

 4F735B

 385A44

 21422D

 0A2C19

 001900

 000000

 B7DEC3

 B7DEC3

 A1DEB4

 CDDED2

 8BDEA4

 E3DEE2

 74DE95

 FADEF1

 5EDE86

 FFDEFF

 48DE76

 32DE67

 1CDE57

 05DE48

 00DE44

Harmonies

Analogous

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



CCDAB5



B7DEC3



A7E0D6

Triad

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



B7DEC3



C2D6FA



FCC9C1

Complementary

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



B7DEC3



DEB7D2

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.



FBC7D3



B7DEC3



DBCFF4

Square

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



B7DEC3



ADDBF6



EFCAE6



F3CEB3

Rectangle

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



B7DEC3



A2DFE3



EFCAE6



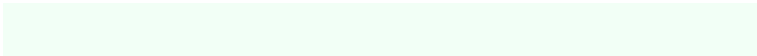
FDC8C6

Sweetspot

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



B7DEC3



F2FFF6



D2DEB7



78807A



000000



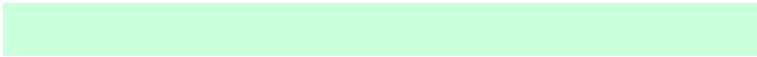
808080

Same Dimension

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



B7DEC3



C9FFDA



B7DED6



657068



00B036



00300F

Inverse Universe

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



DEB7D2



FFC9EF



DEB7BF



70656D



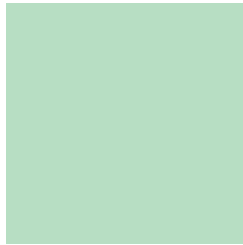
B0007A



300022

Previews

White Background



This preview shows how the Hex color B7DEC3 looks on a white background.

Color Contrast Check

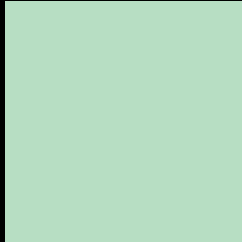
Large Text (above 18pt) WCAG AA × Fail

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 B7DEC3 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

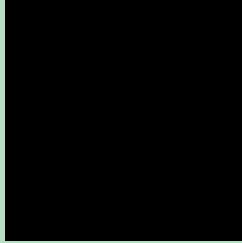
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

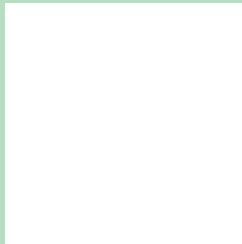
Any Text WCAG AAA ✓ Pass

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

Hex B7DEC3 Background



This preview shows how black text looks on a background with the Hex color B7DEC3.

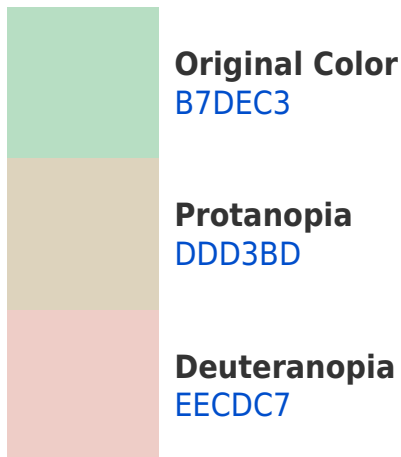


This preview shows how white text looks on a background with the Hex color B7DEC3.

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](#).

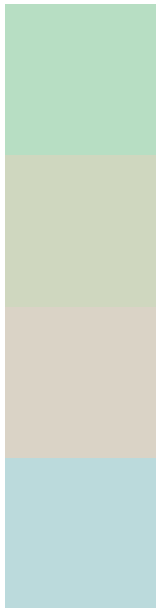
Dichromacy





Tritanopia
BED8EA

Trichromacy



Original Color
B7DEC3

Protanomaly
CFD7BF

Deuteranomaly
DAD3C6

Tritanomaly
BBDADC

Monochromacy



Original Color
B7DEC3

Achromatopsia
CFCFCF

Achromatomaly
C6D4CB

CSS Examples

Text

The CSS property to change the color of the text to Hex B7DEC3 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 #B7DEC3 looks like.

```
.text, #text, p{  
    color:#B7DEC3  
}
```

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 #B7DEC3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B7DEC3  
}
```

Border

The CSS property to change the border of an element to Hex B7DEC3 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  
#B7DEC3 }
```

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

```
.border{ border-color:#B7DEC3 }
```

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

Here you see how a box with a 4 pixel #B7DEC3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B7DEC3; -webkit-box-shadow:4px 4px  
4px 4px #B7DEC3; box-shadow:4px 4px 4px  
4px #B7DEC3 }
```

Background

The CSS property to change the background color of an element to Hex B7DEC3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B7DEC3 }
```

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

```
.background{ background-color:#B7DEC3 }
```

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