

Converting Colors

Hex(BDDDD8)

Have a look what the booklet for
Hex(BDDDD8) contains.

Hex(BDDDD8)	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(BDDDD8)

Conversions

Conversions Part 1

Format	Color
Hex	BDDDD8
RGB	189, 221, 216
RGB Percent	74%, 87%, 85%
CMY	0.2588, 0.1333, 0.1529
CMYK	0.14, 0.00, 0.02, 0.13
HSL	171°, 32%, 80%
HSV	171°, 14%, 87%
XYZ	59.2374, 67.4896, 74.8704
YIQ	210.8620, -17.4670, -8.3390

Conversions

Conversions Part 2

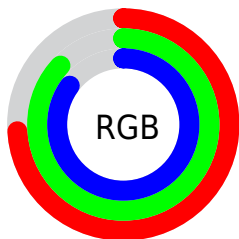
Format	Color
RYB	189, 206, 221
Decimal	12443096
CIELab	85.75, -11.49, -1.10
CIELCh	86, 11.539, 185.449
Yxy	67.4896, 0.2938, 0.3348
Android (android.graphics.Color)	4290633176 (0xFFBDDDD8)
YUV	210.8620, 2.5330, -19.1730
Hunter-Lab	82.1520, -15.0551, 3.4717

Details

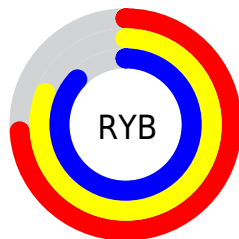
The Hex color **BDDDD8** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **DDBDC2**, and the grayscale version is **D3D3D3**.

A 20% lighter version of the original color is **F6FFFF**, and **87A6A1** is the 20% darker color. If you saturate the color by 10%, you get **A7DDD5**, and if you desaturate by 10%, it is **D3DDDB**.

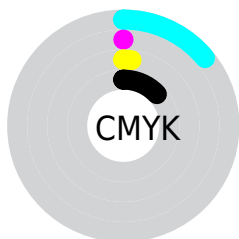
Distribution



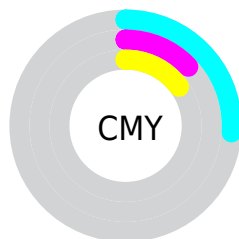
- Red (74%)
- Green (87%)
- Blue (85%)



- Red (74%)
- Yellow (81%)
- Blue (87%)



- Cyan (14%)
- Magenta (0%)
- Yellow (2%)
- Black (13%)



- Cyan (26%)
- Magenta (13%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color BDDDD8 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 BDDDD8 by changing the saturation by 10% instead.



BDDDD8

FFFFFF



F6FFFF



BDDDD8



A2C1BC



87A6A1



6E8C87



55726E



3D5955



26423E



102C29



001814



000000

 BDDDD8

 BDDDD8

 A7DDD5

 D3DDDB

 91DDD1

 E9DDDF

 7BDDCE

 FFDDE2

 65DDCA

 FFDDE6

 4EDDC7

 FFDDE9

 38DDC3

 FFDDED

 22DDC0

 FFDDF0

 0CDDBC

 FFDDF4

 00DDBA

 FFDDF7

Harmonies

Analogous

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



C5DCCD



BDDDD8



BCDCE3

Triad

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



BDDDD8



DBD3E8



E8D3C3

Complementary

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



BDDDD8



DDBDC2

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.



EED0CA



BDDDD8



E7D0E0

Square

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



BDDDD8



CDD7EC



EDCFD5



DDD6C1

Rectangle

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



BDDDD8



BFD8E8



EDCFD5



EAD2C5

Sweetspot

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



BDDDD8



F5FFFD



C2DDBD



79807F



000000



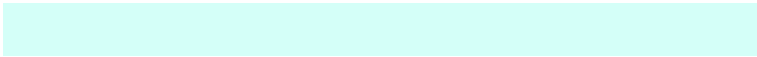
808080

Same Dimension

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



BDDDD8



D4FFF8



BDD2DD



636E6C



00AD92



002E27

Inverse Universe

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



DDBDC2



FFD4DA



DDC8BD



6E6364



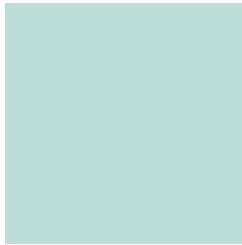
AD001B



2E0007

Previews

White Background



This preview shows how the Hex color BDDDD8 looks on a white background.

Color Contrast Check

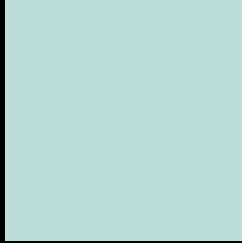
Large Text (above 18pt) WCAG AA × Fail

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 BDDDD8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

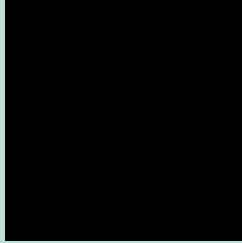
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

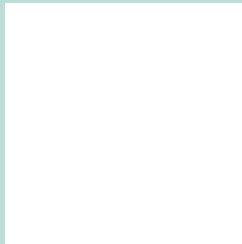
Any Text WCAG AAA ✓ Pass

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

Hex BDDDD8 Background



This preview shows how black text looks on a background with the Hex color BDDDD8.

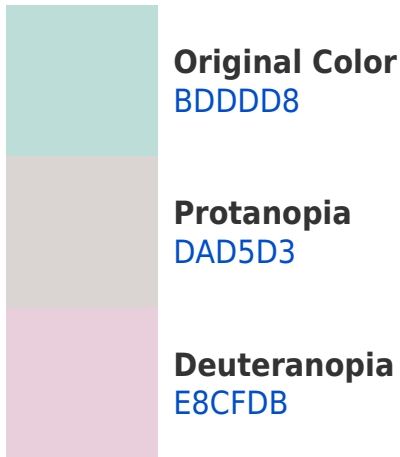


This preview shows how white text looks on a background with the Hex color BDDDD8.

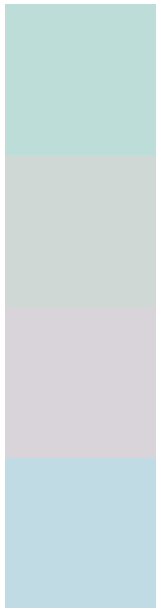
Color Blindness Simulation

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
BDDDD8

Protanomaly
CFD8D5

Deuteranomaly
D8D4DA

Tritanomaly
C0DBE4

Monochromacy



Original Color
BDDDD8

Achromatopsia
D3D3D3

Achromatomaly
CBD7D5

CSS Examples

Text

The CSS property to change the color of the text to Hex BDDDD8 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 #BDDDD8 looks like.

```
.text, #text, p{  
    color:#BDDDD8  
}
```

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 #BDDDD8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BDDDD8  
}
```

Border

The CSS property to change the border of an element to Hex BDDDD8 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  
#BDDDD8 }
```

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

```
.border{ border-color:#BDDDD8 }
```

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

Here you see how a box with a 4 pixel #BDDDD8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BDDDD8; -webkit-box-shadow:4px 4px  
4px 4px #BDDDD8; box-shadow:4px 4px 4px  
4px #BDDDD8 }
```

Background

The CSS property to change the background color of an element to Hex BDDDD8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BDDDD8 }
```

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

```
.background{ background-color:#BDDDD8 }
```

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