

# Converting Colors

Hex(BDDFD8)

Have a look what the booklet for  
Hex(BDDFD8) contains.

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# **Color**

**Hex(BDDFD8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BDDFD8
RGB	189, 223, 216
RGB Percent	74%, 87%, 85%
CMY	0.2588, 0.1255, 0.1529
CMYK	0.15, 0.00, 0.03, 0.13
HSL	168°, 35%, 81%
HSV	168°, 15%, 87%
XYZ	59.7686, 68.5520, 75.0475
YIQ	212.0360, -18.0170, -9.3850

# Conversions

## Conversions Part 2

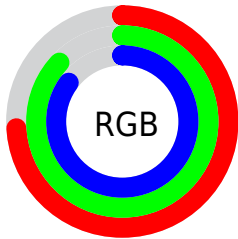
<b>Format</b>	<b>Color</b>
<b>RYB</b>	189, 208, 223
Decimal	12443608
CIELab	86.28, -12.50, -0.32
CIELCh	86, 12.508, 181.462
Yxy	68.5520, 0.2939, 0.3371
Android (android.graphics.Color)	4290633688 (0xFFBDDFD8)
YUV	212.0360, 1.9543, -20.2026
Hunter-Lab	82.7962, -16.0383, 4.2161

# Details

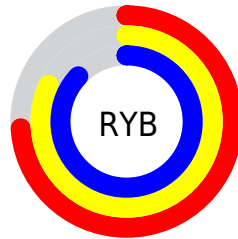
The Hex color **BDDFD8** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **DFBDC4**, and the grayscale version is **D4D4D4**.

A 20% lighter version of the original color is **F6FFFF**, and **87A8A1** is the 20% darker color. If you saturate the color by 10%, you get **A7DFD3**, and if you desaturate by 10%, it is **D3DFDD**.

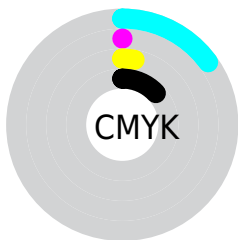
# Distribution



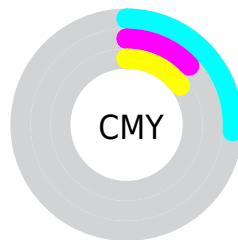
- Red (74%)
- Green (87%)
- Blue (85%)



- Red (74%)
- Yellow (82%)
- Blue (87%)



- Cyan (15%)
- Magenta (0%)
- Yellow (3%)
- Black (13%)



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

# Brightness & Saturation Gradients

These gradients show how the Hex color BDDFD8 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 BDDFD8 by changing the saturation by 10% instead.



 BDDFD8

 BDDFD8

FFFFFF

 A2C3BC

 F6FFFF

 87A8A1

 6E8D87

 55746E

 3D5B55

 26443E

 102D29

 001914

 000000

 BDDFD8

 BDDFD8

 A7DFD3

 D3DFDD

 90DFCF

 EADFE1

 7ADFCA

 FFDFE6

 64DFC6

 FFDFEA

 4EDFC1

 FFDFEF

 37DFBC

 FFDFE4

 21DFB8

 FFDFE8

 0BDFB3

 FFDFE0

 00DFB1

 FFDFE0

# Harmonies

## Analogous

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



C7DECC



BDDFD8



BADEE4

# Triad

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



BDDFD8



DBD5EC



ECD3C3

# Complementary

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



BDDFD8



DFBDC4

# 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.



F1D1CC



BDDFD8



E8D1E3

# Square

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



BDDFD8



CCD9EF



F0D0D8



E1D7C0

# Rectangle

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



BDDFD8



BDDDEA



F0D0D8



EED2C6



# Sweetspot

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



BDDFD8



F2FFFC



C4DFBD



78807E



000000



808080

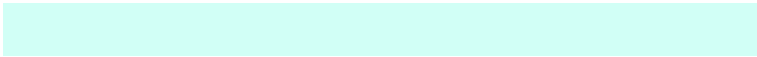


# Same Dimension

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



BDDFD8



D1FFF6



BDD5DF



65706E



00B08C



003026



# Inverse Universe

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



DFBDC4



FFD1DB



DFC7BD



706567



B00024

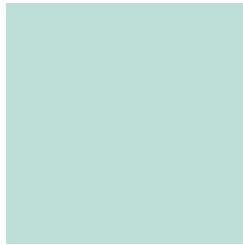


30000A



# Previews

## White Background



This preview shows how the Hex color BDDFD8 looks on a white background.

## Color Contrast Check

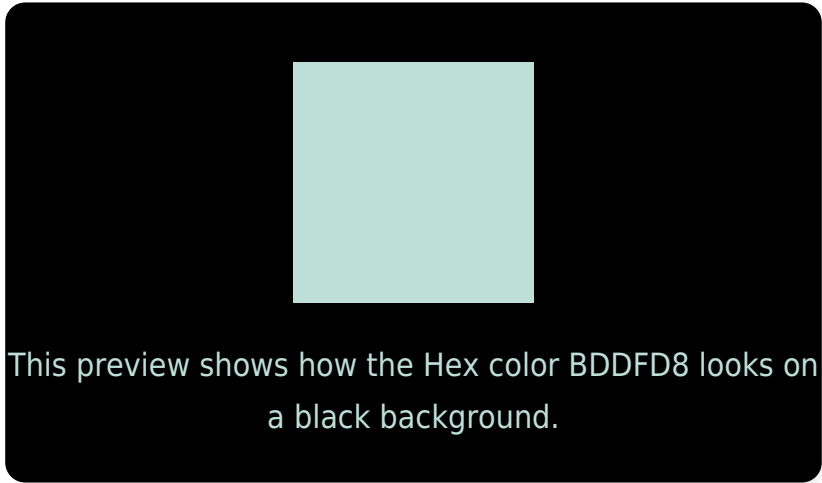
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

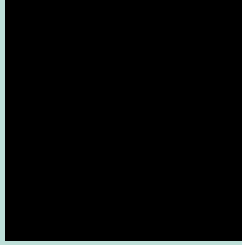
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

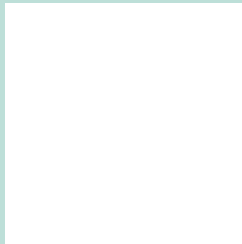
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex BDDFD8 Background



This preview shows how black text looks on a background with the Hex color BDDFD8.

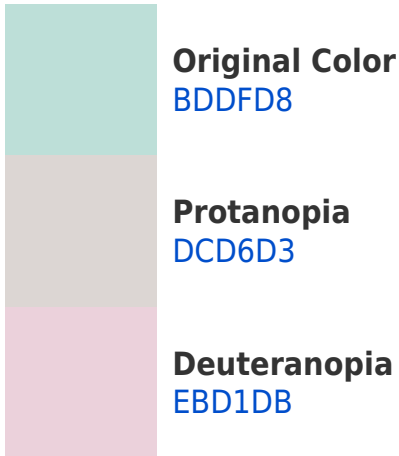


This preview shows how white text looks on a background with the Hex color BDDFD8.

# Color Blindness Simulation

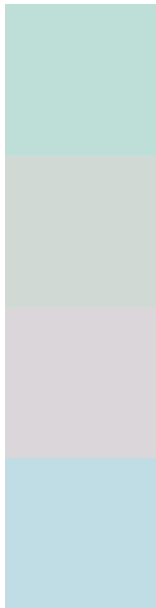
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



**Original Color**  
BDDFD8

**Protanomaly**  
D1D9D5

**Deuteranomaly**  
DAD6DA

**Tritanomaly**  
C0DDE5

# Monochromacy



**Original Color**  
BDDFD8

**Achromatopsia**  
D4D4D4

**Achromatomaly**  
CCD8D5

# CSS Examples

## Text

The CSS property to change the color of the text to Hex BDDFD8 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 #BDDFD8 looks like.

```
.text, #text, p{  
    color:#BDDFD8  
}
```

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 #BDDFD8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BDDFD8
}
```

## Border

The CSS property to change the border of an element to Hex BDDFD8 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
#BDDFD8 }
```

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

```
.border{ border-color:#BDDFD8 }
```

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

Here you see how a box with a 4 pixel #BDDFD8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BDDFD8; -webkit-box-shadow:4px 4px  
4px 4px #BDDFD8; box-shadow:4px 4px 4px  
4px #BDDFD8 }
```

# Background

The CSS property to change the background color of an element to Hex BDDFD8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BDDFD8 }
```

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

```
.background{ background-color:#BDDFD8 }
```

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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