

# Converting Colors

Hex(B3DDDC)

Have a look what the booklet for  
Hex(B3DDDC) contains.

|                                                |    |
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# Color

**Hex(B3DDDC)**

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | B3DDDC                      |
| RGB         | 179, 221, 220               |
| RGB Percent | 70%, 87%, 86%               |
| CMY         | 0.2980, 0.1333, 0.1373      |
| CMYK        | 0.19, 0.00, 0.00, 0.13      |
| HSL         | 179°, 38%, 78%              |
| HSV         | 179°, 19%, 87%              |
| XYZ         | 57.3651, 66.4639, 77.5155   |
| YIQ         | 208.3280, -24.7110, -9.2150 |

# Conversions

## Conversions Part 2

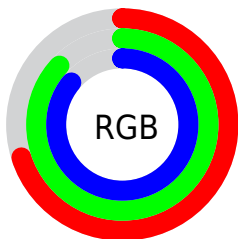
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| R <sub>YB</sub>                     | 179, 200, 221                 |
| Decimal                             | 11787740                      |
| CIE Lab                             | 85.23, -13.80, -4.04          |
| CIE LCh                             | 85, 14.382, 196.331           |
| Yxy                                 | 66.4639, 0.2849,<br>0.3301    |
| Android<br>(android.graphics.Color) | 4289977820<br>(0xFFB3DDDC)    |
| YUV                                 | 208.3280, 5.7543,<br>-25.7207 |
| Hunter-Lab                          | 81.5254, -17.0684,<br>0.6940  |

# Details

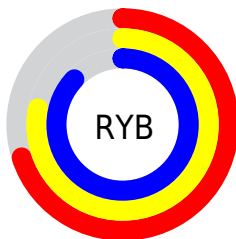
The Hex color **B3DDDC** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **DDB3B4**, and the grayscale version is **D0D0D0**.

A 20% lighter version of the original color is **EBFFFF**, and **7DA6A5** is the 20% darker color. If you saturate the color by 10%, you get **9DDDDDB**, and if you desaturate by 10%, it is **C9DDDD**.

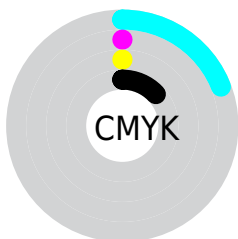
# Distribution



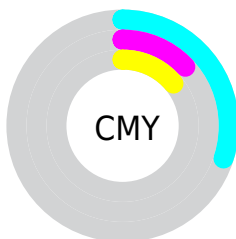
- Red (70%)
- Green (87%)
- Blue (86%)



- Red (70%)
- Yellow (78%)
- Blue (87%)



- Cyan (19%)
- Magenta (0%)
- Yellow (0%)
- Black (13%)



- Cyan (30%)
- Magenta (13%)
- Yellow (14%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B3DDDC 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 B3DDDC by changing the saturation by 10% instead.



 B3DDDC

FFFFFF

 EBFFFF

 B3DDDC

 98C1C0

 7DA6A5

 648B8B

 4B7271

 335959

 1B4242

 012C2C

 001817

 000000

 B3DDDC

 B3DDDC

 9DDDDB

 C9DDDD

 87DDDB

 DFDDDD

 71DDDA

 F5DDDE

 5BDDDA

 FFDDDE

 45DDDD9

 FFDDDF

 2EDDD9

 FFDDE0

 18DDDD8

 FFDDE1

 02DDDD8

 00DDDD8

# Harmonies

## Analogous

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



BBDDCE



B3DDDC



B5DBE8

# Triad

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



B3DDDC



E1CFE8



E6D2BB

# Complementary

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



B3DDDC



DDB3B4

# 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.



F0CEC2



B3DDDC



EDCCDC

# Square

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



B3DDDC



D0D4EF



F2CCCE



D8D6BB

# Rectangle

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



B3DDDC



BBD9ED



F2CCCE



EAD0BC

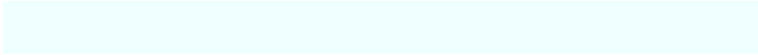


# Sweetspot

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



B3DDDC



F0FFFF



B4DDB3



77807F



000000



808080



# Same Dimension

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



B3DDDC



C4FFFE



B3C9DD



636E6D



00ADA9



002E2D



# Inverse Universe

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



DDB3B4



FFC4C6



DDC7B3



6E6363



AD0004

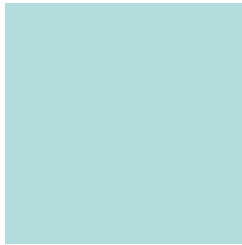


2E0001



# Previews

## White Background



This preview shows how the Hex color B3DDDC looks on a white background.

## Color Contrast Check

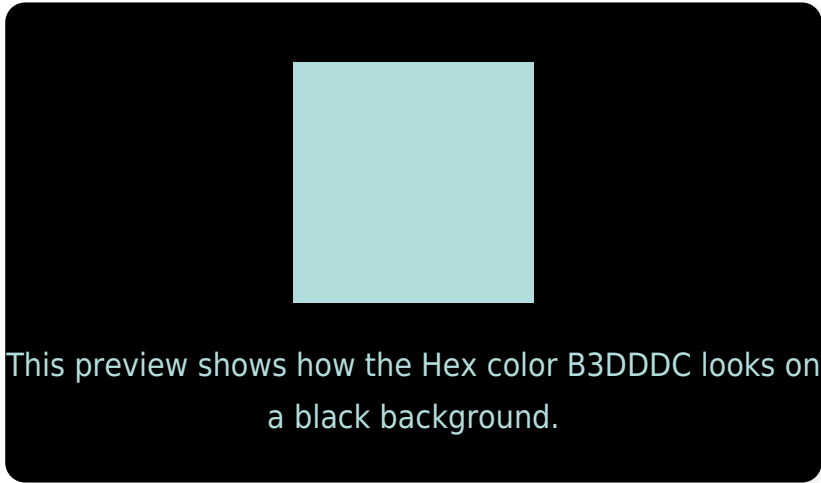
Large Text (above 18pt) WCAG AA × Fail

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

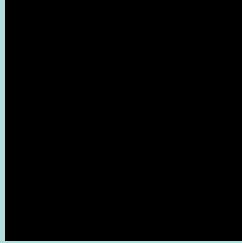
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

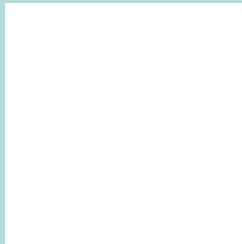
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex B3DDDC Background



This preview shows how black text looks on a background with the Hex color B3DDDC.

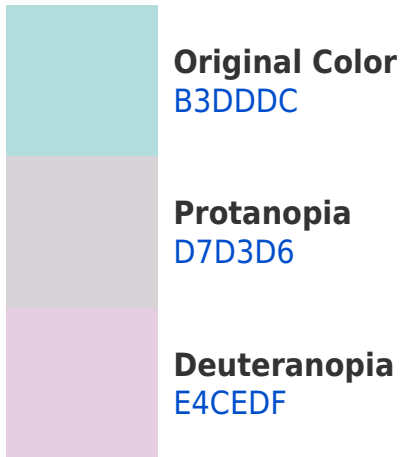


This preview shows how white text looks on a background with the Hex color B3DDDC.

# 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



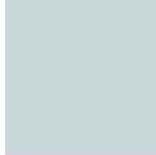


**Tritanopia**  
B6DBEC

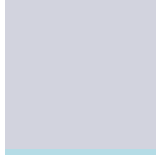
# Trichromacy



**Original Color**  
B3DDDC



**Protanomaly**  
CAD7D8



**Deuteranomaly**  
D2D3DE

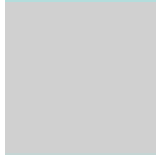


**Tritanomaly**  
B5DCE6

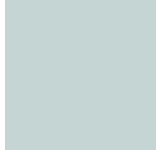
# Monochromacy



**Original Color**  
B3DDDC



**Achromatopsia**  
D0D0D0



**Achromatomaly**  
C5D5D4

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B3DDDC 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 #B3DDDC looks like.

```
.text, #text, p{  
    color:#B3DDDC  
}
```

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 #B3DDDC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B3DDDC
}
```

## Border

The CSS property to change the border of an element to Hex B3DDDC 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
#B3DDDC }
```

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

```
.border{ border-color:#B3DDDC }
```

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

Here you see how a box with a 4 pixel #B3DDDC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B3DDDC; -webkit-box-shadow:4px 4px  
4px 4px #B3DDDC; box-shadow:4px 4px 4px  
4px #B3DDDC }
```

# Background

The CSS property to change the background color of an element to Hex B3DDDC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B3DDDC }
```

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

```
.background{ background-color:#B3DDDC }
```

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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