

# Converting Colors

Hex(B3DCD7)

Have a look what the booklet for  
Hex(B3DCD7) contains.

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# Color

**Hex(B3DCD7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B3DCD7
RGB	179, 220, 215
RGB Percent	70%, 86%, 84%
CMY	0.2980, 0.1373, 0.1569
CMYK	0.19, 0.00, 0.02, 0.14
HSL	173°, 37%, 78%
HSV	173°, 19%, 86%
XYZ	56.4493, 65.6764, 73.9916
YIQ	207.1710, -22.8310, -10.2470

# Conversions

## Conversions Part 2

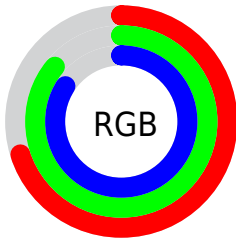
Format	Color
R <sub>YB</sub>	179, 201, 220
Decimal	11787479
CIE Lab	84.83, -14.33, -1.99
CIE LCh	85, 14.469, 187.896
Yxy	65.6764, 0.2878, 0.3349
Android (android.graphics.Color)	4289977559 (0xFFB3DCD7)
YUV	207.1710, 3.8597, -24.7060
Hunter-Lab	81.0410, -17.4870, 2.5961

# Details

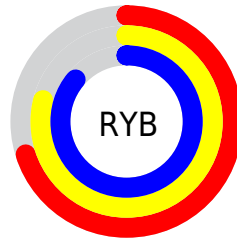
The Hex color **B3DCD7** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **DCB3B8**, and the grayscale version is **CFCFCF**.

A 20% lighter version of the original color is **EBFFFF**, and **7EA5A0** is the 20% darker color. If you saturate the color by 10%, you get **9DDCD4**, and if you desaturate by 10%, it is **C9DCDA**.

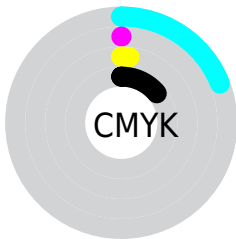
# Distribution



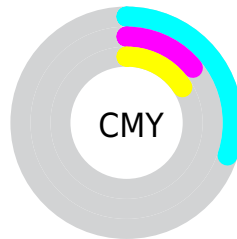
- Red (70%)
- Green (86%)
- Blue (84%)



- Red (70%)
- Yellow (79%)
- Blue (86%)



- Cyan (19%)
- Magenta (0%)
- Yellow (2%)
- Black (14%)



- Cyan (30%)
- Magenta (14%)
- Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B3DCD7 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 B3DCD7 by changing the saturation by 10% instead.



 B3DCD7

 B3DCD7

FFFFFF

 98C0BB

 EBFFFF

 7EA5A0

 648B86

 4B716D

 335855

 1C413E

 032B28

 001713

 000000

 B3DCD7


 B3DCD7

 9DDCD4

 C9DCDA

 87DCD2

 DFDCDC

 71DCCF

 F5DCDF

 5BDCCC

 FFDCE2

 45DCCA

 FFDCE4

 2FDCC7

 FFDCE7

 19DCC4

 FFDCEA

 03DCC2

 FFDCEC

 00DCC1

 FFDCEF

# Harmonies

## Analogous

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



BDDBC9



B3DCD7



B2DBE4

# Triad

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



B3DCD7



DBCFE9



E8D0BB

# Complementary

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



B3DCD7



DCB3B8

# 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.



F0CCC4



B3DCD7



E9CCDE

# Square

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



B3DCD7



CAD4EF



F1CBD1



DBD4B9

# Rectangle

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



B3DCD7



B6D9EA



F1CBD1



ECCEBD



# Sweetspot

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



B3DCD7



F0FFFD



B8DCB3



77807E



000000



808080

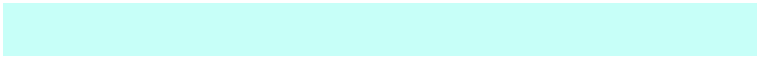


# Same Dimension

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



B3DCD7



C7FFF8



B3CDDC



636E6C



00AD98



002E28



# Inverse Universe

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



DCB3B8



FFC7CE



DCC2B3



6E6364



AD0015

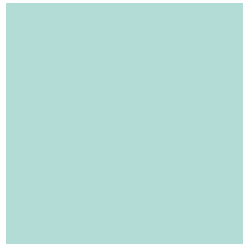


2E0006



# Previews

## White Background



This preview shows how the Hex color B3DCD7 looks on a white background.

## Color Contrast Check

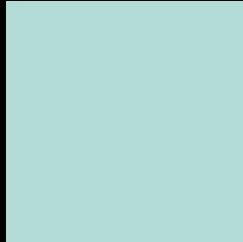
Large Text (above 18pt) WCAG AA × Fail

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 B3DCD7 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

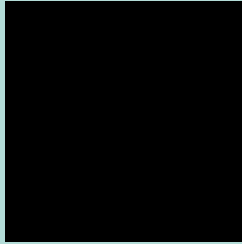
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

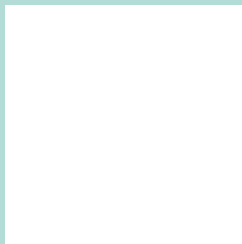
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex B3DCD7 Background



This preview shows how black text looks on a background with the Hex color B3DCD7.

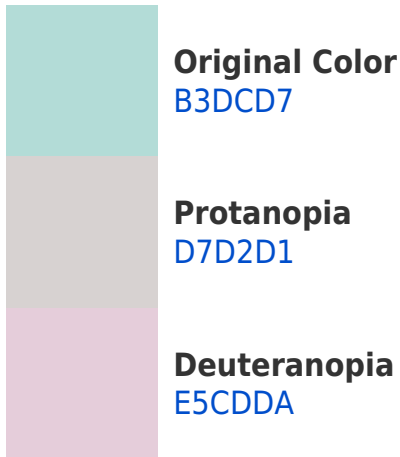


This preview shows how white text looks on a background with the Hex color B3DCD7.

# 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](#).

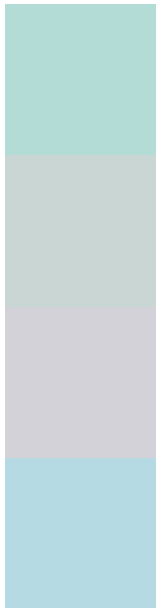
## Dichromacy





**Tritanopia**  
B7D9EA

# Trichromacy



**Original Color**  
B3DCD7

**Protanomaly**  
CAD6D3

**Deuteranomaly**  
D3D2D9

**Tritanomaly**  
B6DAE3

# Monochromacy



**Original Color**  
B3DCD7

**Achromatopsia**  
CFCFCF

**Achromatomaly**  
C5D4D2

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B3DCD7 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 #B3DCD7 looks like.

```
.text, #text, p{  
    color:#B3DCD7  
}
```

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 #B3DCD7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B3DCD7
}
```

## Border

The CSS property to change the border of an element to Hex B3DCD7 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
#B3DCD7 }
```

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

```
.border{ border-color:#B3DCD7 }
```

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

Here you see how a box with a 4 pixel #B3DCD7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B3DCD7; -webkit-box-shadow:4px 4px  
4px 4px #B3DCD7; box-shadow:4px 4px 4px  
4px #B3DCD7 }
```

# Background

The CSS property to change the background color of an element to Hex B3DCD7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B3DCD7 }
```

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

```
.background{ background-color:#B3DCD7 }
```

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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