

# Converting Colors

Hex(B1D6DC)

Have a look what the booklet for  
Hex(B1D6DC) contains.

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# **Color**

**Hex(B1D6DC)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B1D6DC
RGB	177, 214, 220
RGB Percent	69%, 84%, 86%
CMY	0.3059, 0.1608, 0.1373
CMYK	0.20, 0.03, 0.00, 0.14
HSL	188°, 38%, 78%
HSV	188°, 20%, 86%
XYZ	55.0963, 62.6076, 76.8907
YIQ	203.6210, -23.9780, -5.9780

# Conversions

## Conversions Part 2

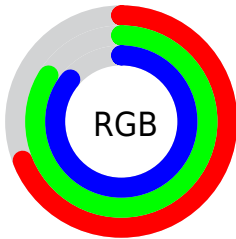
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	177, 197, 220
Decimal	11654876
CIE Lab	83.24, -10.84, -7.01
CIE LCh	83, 12.907, 212.876
Yxy	62.6076, 0.2831, 0.3217
Android (android.graphics.Color)	4289844956 (0xFFB1D6DC)
YUV	203.6210, 8.0748, -23.3466
Hunter-Lab	79.1249, -14.1755, -2.2284

# Details

The Hex color **B1D6DC** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **DCB7B1**, and the grayscale version is **CCCCCC**.

A 20% lighter version of the original color is **E9FFFF**, and **7C9FA5** is the 20% darker color. If you saturate the color by 10%, you get **9BD3DC**, and if you desaturate by 10%, it is **C7D9DC**.

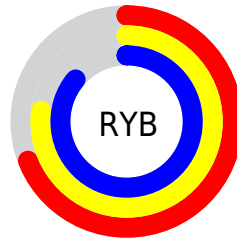
# Distribution



Red (69%)

Green (84%)

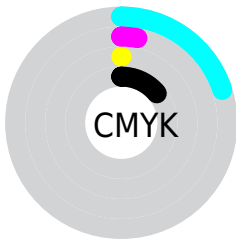
Blue (86%)



Red (69%)

Yellow (77%)

Blue (86%)

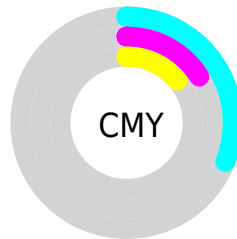


Cyan (20%)

Magenta (3%)

Yellow (0%)

Black (14%)



Cyan (31%)

Magenta (16%)

Yellow (14%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B1D6DC 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 B1D6DC by changing the saturation by 10% instead.



 B1D6DC

FFFFFF

 E9FFFF


 B1D6DC

 96BAC0


 7C9FA5

 62858B

 496C71

 315459

 193C41

 01272B

 001317

 000000

 B1D6DC

 B1D6DC

 9BD3DC

 C7D9DC

 85D0DC

 DDDCDC

 6FCDDC

 F3DFDC

 59CADC

 FFE2DC

 43C7DC

 FFE5DC

 2DC4DC

 FFE8DC

 17C1DC

 FFEBDC

 01BDDC

 FFEFDC

 00BDDC

 FFF2DC

# Harmonies

## Analogous

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



B3D7D0



B1D6DC



B7D4E5

# Triad

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



B1D6DC



E1C9DB



D8CFB7

# Complementary

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



B1D6DC



DCB7B1

# 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.



E3CBBA



B1D6DC



E8C7CF

# Square

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



B1D6DC



D3CCE4



E9C8C3



CAD3BB

# Rectangle

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



B1D6DC



BFD1E7



E9C8C3



DCCDB7

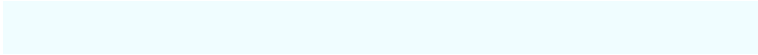


# Sweetspot

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



B1D6DC



F0DFFF



B1DCB7



777E80



000000



808080

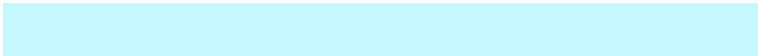


# Same Dimension

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



B1D6DC



C4F7FF



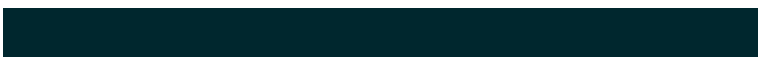
B1C1DC



636C6E



0095AD



00272E



# Inverse Universe

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



DCB1D6



FFC4F7



DCCCB1



6E636C



AD0095



2E0027



# Previews

## White Background



This preview shows how the Hex color B1D6DC looks on a white background.

## Color Contrast Check

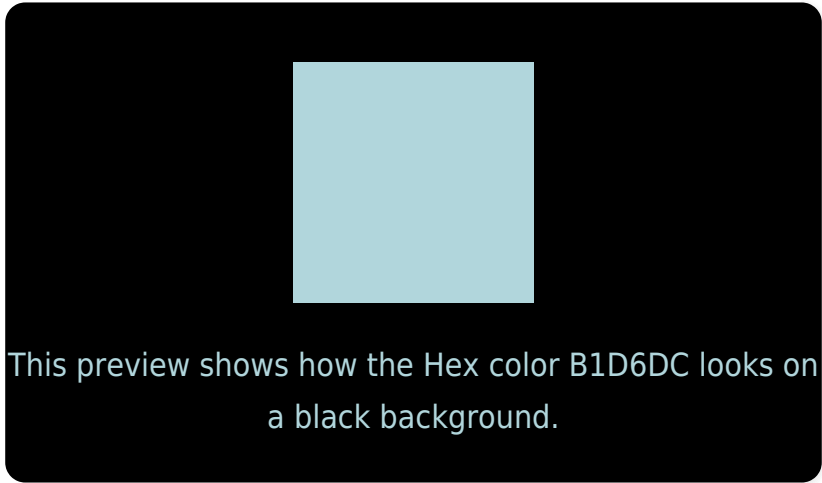
Large Text (above 18pt) WCAG AA × Fail

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

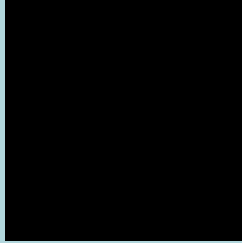
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

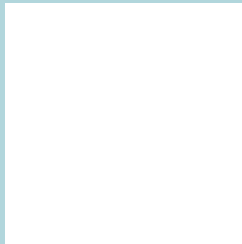
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex B1D6DC Background



This preview shows how black text looks on a background with the Hex color B1D6DC.

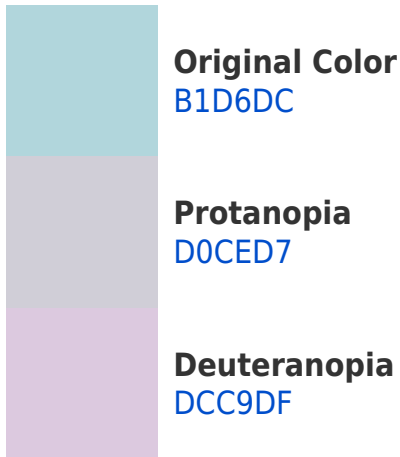


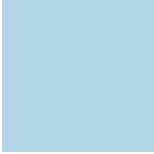
This preview shows how white text looks on a background with the Hex color B1D6DC.

# 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](#).

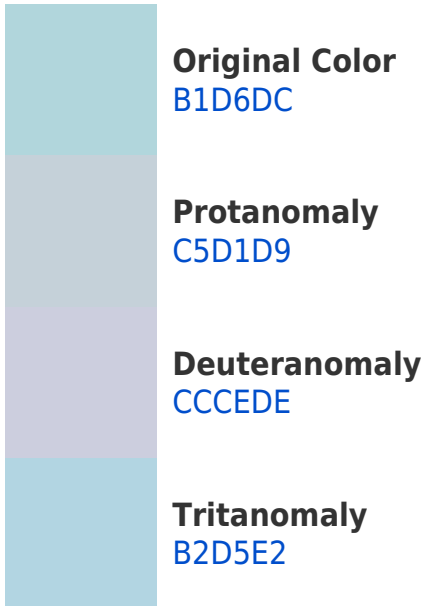
## Dichromacy



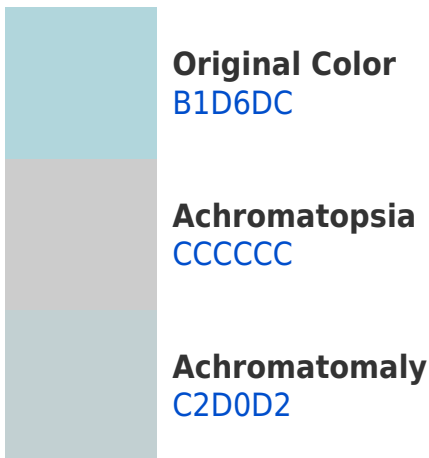


**Tritanopia**  
B3D5E5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B1D6DC 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 #B1D6DC looks like.

```
.text, #text, p{  
    color:#B1D6DC  
}
```

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 #B1D6DC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B1D6DC
}
```

## Border

The CSS property to change the border of an element to Hex B1D6DC 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
#B1D6DC }
```

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

```
.border{ border-color:#B1D6DC }
```

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

Here you see how a box with a 4 pixel #B1D6DC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B1D6DC; -webkit-box-shadow:4px 4px  
4px 4px #B1D6DC; box-shadow:4px 4px 4px  
4px #B1D6DC }
```

# Background

The CSS property to change the background color of an element to Hex B1D6DC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B1D6DC }
```

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

```
.background{ background-color:#B1D6DC }
```

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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