

Converting Colors

Hex(B1DBE1)

Have a look what the booklet for
Hex(B1DBE1) contains.

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Color

Hex(B1DBE1)

Conversions

Conversions Part 1

Format	Color
Hex	B1DBE1
RGB	177, 219, 225
RGB Percent	69%, 86%, 88%
CMY	0.3059, 0.1412, 0.1176
CMYK	0.21, 0.03, 0.00, 0.12
HSL	188°, 44%, 79%
HSV	188°, 21%, 88%
XYZ	57.0536, 65.4464, 80.8595
YIQ	207.1260, -26.9580, -7.0380

Conversions

Conversions Part 2

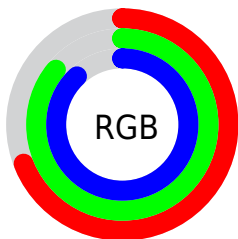
Format	Color
RYB	177, 199, 225
Decimal	11656161
CIELab	84.71, -12.33, -7.47
CIELCh	85, 14.417, 211.213
Yxy	65.4464, 0.2806, 0.3218
Android (android.graphics.Color)	4289846241 (0xFFB1DBE1)
YUV	207.1260, 8.8119, -26.4205
Hunter-Lab	80.8989, -15.6869, -2.6319

Details

The Hex color **B1DBE1** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **E1B7B1**, and the grayscale version is **CFCFCF**.

A 20% lighter version of the original color is **E9FFFF**, and **7BA4AA** is the 20% darker color. If you saturate the color by 10%, you get **9BD8E1**, and if you desaturate by 10%, it is **C7DEE1**.

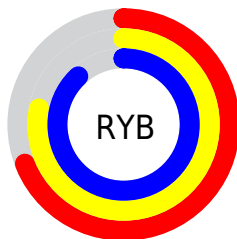
Distribution



Red (69%)

Green (86%)

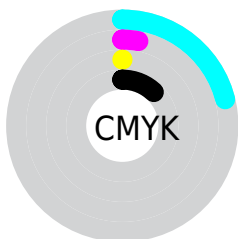
Blue (88%)



Red (69%)

Yellow (78%)

Blue (88%)

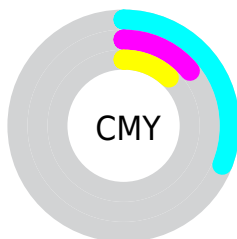


Cyan (21%)

Magenta (3%)

Yellow (0%)

Black (12%)



Cyan (31%)

Magenta (14%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Hex color B1DBE1 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 B1DBE1 by changing the saturation by 10% instead.

 B1DBE1

 B1DBE1

FFFFFF

 96BFC5

 E9FFFF

 7BA4AA

 628A8F

 497076

 30585D

 174046

 002A2F

 00171A

 000000

 B1DBE1

 B1DBE1

 9BD8E1

 C7DEE1

 84D5E1

 DEE1E1

 6ED3E1

 F4E3E1

 57D0E1

 FFE6E1

 40CDE1

 FFE9E1

 2ACAE1

 FFECE1

 13C7E1

 FFEFE1

 00C5E1

 FFF1E1

 FFF4E1

Harmonies

Analogous

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



B4DCD4



B1DBE1



B7D8EB

Triad

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



B1DBE1



E6CCE1



DED3B8

Complementary

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



B1DBE1



E1B7B1

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.



EACEBC



B1DBE1



EFCAD3

Square

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



B1DBE1



D7D0EB



F0CBC6



CFD7BC

Rectangle

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



B1DBE1



C0D6EE



F0CBC6



E3D1B9

Sweetspot

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



B1DBE1



F0DFFF



B1E1B7



777E80



000000



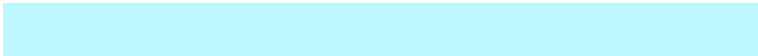
808080

Same Dimension

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



B1DBE1



BDF7FF



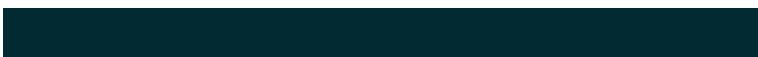
B1C3E1



656F70



009AB0



002A30

Inverse Universe

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



E1B1DB



FFBDF7



E1CFB1



70656F



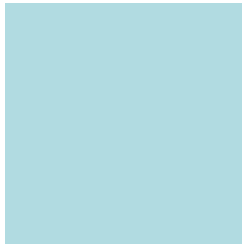
B0009A



30002A

Previews

White Background



This preview shows how the Hex color B1DBE1 looks on a white background.

Color Contrast Check

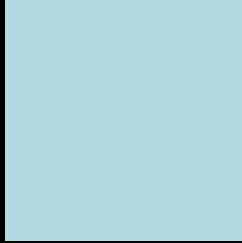
Large Text (above 18pt) WCAG AA × Fail

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 B1DBE1 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

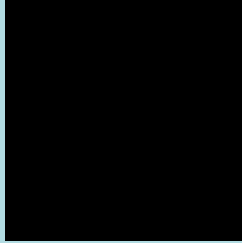
Any Text WCAG AA ✓ Pass

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 B1DBE1 Background



This preview shows how black text looks on a background with the Hex color B1DBE1.

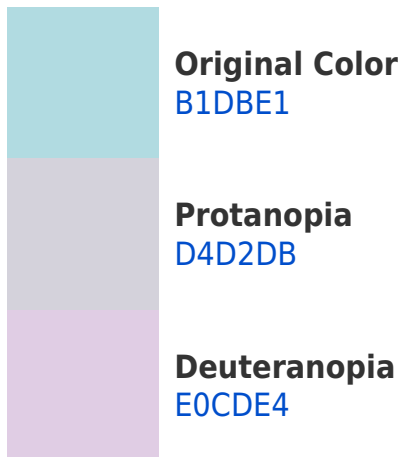


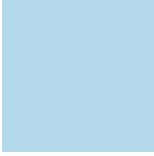
This preview shows how white text looks on a background with the Hex color B1DBE1.

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



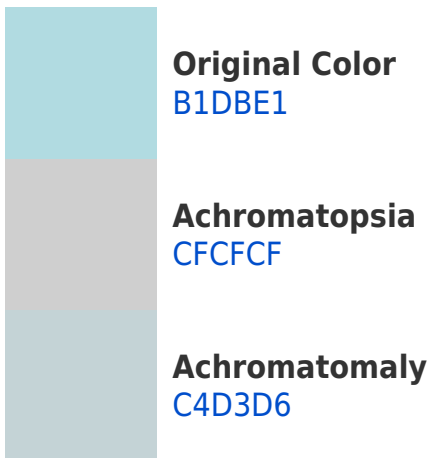


Tritanopia
B3D9EB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B1DBE1 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 #B1DBE1 looks like.

```
.text, #text, p{  
    color:#B1DBE1  
}
```

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 #B1DBE1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B1DBE1
}
```

Border

The CSS property to change the border of an element to Hex B1DBE1 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
#B1DBE1 }
```

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

```
.border{ border-color:#B1DBE1 }
```

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

Here you see how a box with a 4 pixel #B1DBE1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B1DBE1; -webkit-box-shadow:4px 4px  
4px 4px #B1DBE1; box-shadow:4px 4px 4px  
4px #B1DBE1 }
```

Background

The CSS property to change the background color of an element to Hex B1DBE1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B1DBE1 }
```

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

```
.background{ background-color:#B1DBE1 }
```

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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