

Converting Colors

Hex(B1D6DA)

Have a look what the booklet for
Hex(B1D6DA) contains.

Hex(B1D6DA)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(B1D6DA)

Conversions

Conversions Part 1

Format	Color
Hex	B1D6DA
RGB	177, 214, 218
RGB Percent	69%, 84%, 85%
CMY	0.3059, 0.1608, 0.1451
CMYK	0.19, 0.02, 0.00, 0.15
HSL	186°, 36%, 77%
HSV	186°, 19%, 85%
XYZ	54.8329, 62.5022, 75.5038
YIQ	203.3930, -23.3360, -6.6000

Conversions

Conversions Part 2

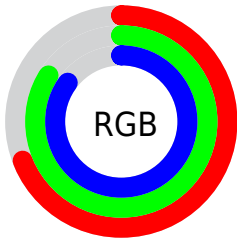
Format	Color
RYB	177, 196, 218
Decimal	11654874
CIELab	83.18, -11.26, -6.02
CIELCh	83, 12.775, 208.139
Yxy	62.5022, 0.2843, 0.3241
Android (android.graphics.Color)	4289844954 (0xFFB1D6DA)
YUV	203.3930, 7.2013, -23.1467
Hunter-Lab	79.0583, -14.5489, -1.2834

Details

The Hex color **B1D6DA** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **DAB5B1**, and the grayscale version is **CBCBCB**.

A 20% lighter version of the original color is **E9FFFF**, and **7C9FA3** is the 20% darker color. If you saturate the color by 10%, you get **9BD4DA**, and if you desaturate by 10%, it is **C7D8DA**.

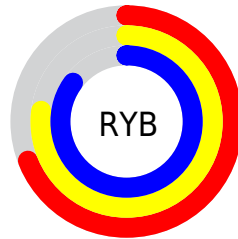
Distribution



Red (69%)

Green (84%)

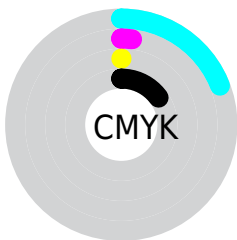
Blue (85%)



Red (69%)

Yellow (77%)

Blue (85%)

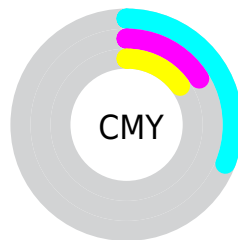


Cyan (19%)

Magenta (2%)

Yellow (0%)

Black (15%)



Cyan (31%)

Magenta (16%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color B1D6DA 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 B1D6DA by changing the saturation by 10% instead.

 B1D6DA

FFFFFF

 E9FFFF


 B1D6DA

 96BABE

 7C9FA3

 628589

 496C70

 315457

 1A3C40

 01262A

 001316

 000000

 B1D6DA

 B1D6DA

 9BD4DA

 C7D8DA

 85D2DA

 DDDADA

 70D0DA

 F2DCDA

 5ACDDA

 FFDFDA

 44CBDA

 FFE1DA

 2EC9DA

 FFE3DA

 18C7DA

 FFE5DA

 03C5DA

 FFE7DA

 00C5DA

 FFE9DA

Harmonies

Analogous

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



B5D6CE



B1D6DA



B6D4E3

Triad

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



B1D6DA



DEC9DC



DACEB7

Complementary

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



B1D6DA



DAB5B1

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.



E4CABB



B1D6DA



E7C7D0

Square

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



B1D6DA



D1CCE4



E9C8C4



CDD2BA

Rectangle

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



B1D6DA



BDD2E6



E9C8C4



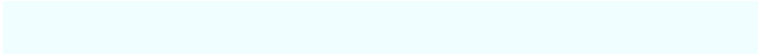
DECDB8

Sweetspot

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



B1D6DA



F0FEFF



B1DAB4



777F80



000000



808080

Same Dimension

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



B1D6DA



C4F9FF



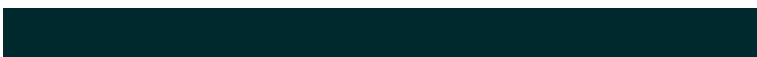
B1C2DA



636D6E



009CAD



00292E

Inverse Universe

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



DAB1D6



FFC4F9



DAC9B1



6E636D



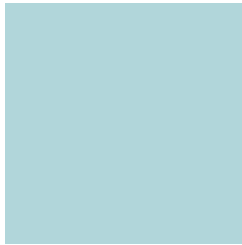
AD009C



2E0029

Previews

White Background



This preview shows how the Hex color B1D6DA looks on a white background.

Color Contrast Check

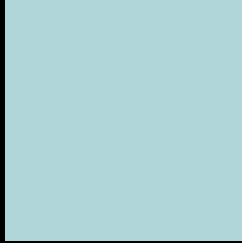
Large Text (above 18pt) WCAG AA × Fail

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 B1D6DA looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

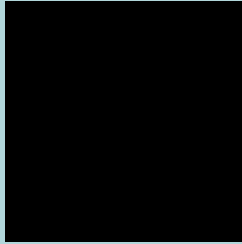
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

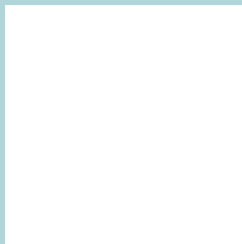
Any Text WCAG AAA ✓ Pass

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

Hex B1D6DA Background



This preview shows how black text looks on a background with the Hex color B1D6DA.

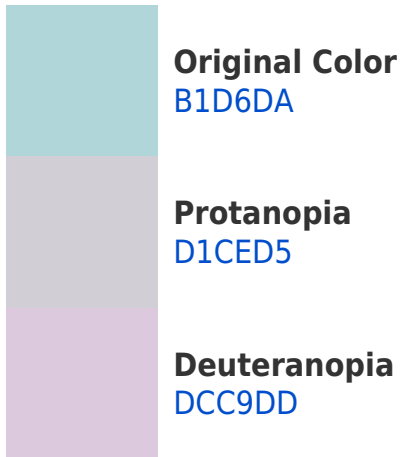


This preview shows how white text looks on a background with the Hex color B1D6DA.

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](#).

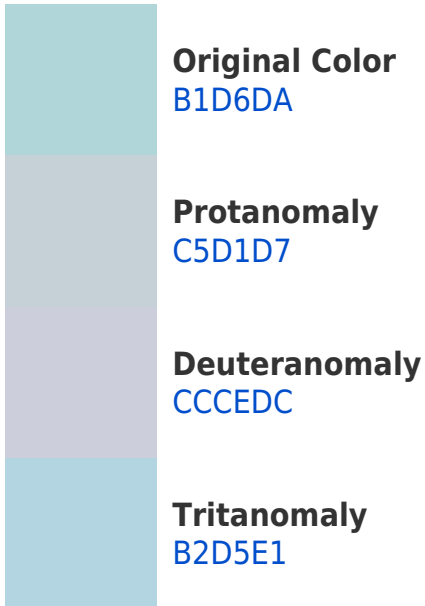
Dichromacy



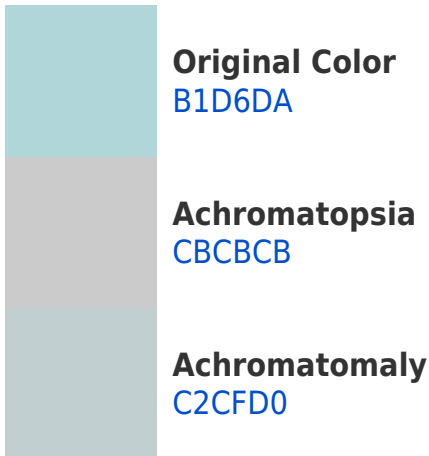


Tritanopia
B3D4E5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B1D6DA 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 #B1D6DA looks like.

```
.text, #text, p{  
    color:#B1D6DA  
}
```

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 #B1D6DA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B1D6DA
}
```

Border

The CSS property to change the border of an element to Hex B1D6DA 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
#B1D6DA }
```

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

```
.border{ border-color:#B1D6DA }
```

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

Here you see how a box with a 4 pixel #B1D6DA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B1D6DA; -webkit-box-shadow:4px 4px  
4px 4px #B1D6DA; box-shadow:4px 4px 4px  
4px #B1D6DA }
```

Background

The CSS property to change the background color of an element to Hex B1D6DA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B1D6DA }
```

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

```
.background{ background-color:#B1D6DA }
```

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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