

Converting Colors

Hex(B2DFDF)

Have a look what the booklet for
Hex(B2DFDF) contains.

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Color

Hex(B2DFDF)

Conversions

Conversions Part 1

Format	Color
Hex	B2DFDF
RGB	178, 223, 223
RGB Percent	70%, 87%, 87%
CMY	0.3020, 0.1255, 0.1255
CMYK	0.20, 0.00, 0.00, 0.13
HSL	180°, 41%, 79%
HSV	180°, 20%, 87%
XYZ	58.0671, 67.5680, 79.7935
YIQ	209.5450, -26.8200, -9.5400

Conversions

Conversions Part 2

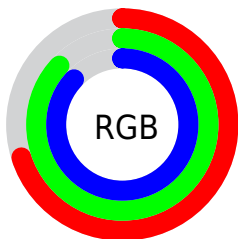
Format	Color
RYB	178, 201, 223
Decimal	11722719
CIELab	85.79, -14.49, -4.82
CIELCh	86, 15.268, 198.385
Yxy	67.5680, 0.2827, 0.3289
Android (android.graphics.Color)	4289912799 (0xFFB2DFDF)
YUV	209.5450, 6.6333, -27.6650
Hunter-Lab	82.1998, -17.7548, -0.0145

Details

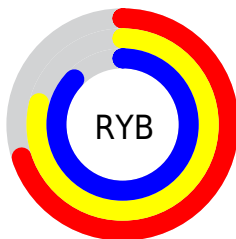
The Hex color **B2DFDF** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **DFB2B2**, and the grayscale version is **D2D2D2**.

A 20% lighter version of the original color is **EAEAEAE**, and **7CA8A8** is the 20% darker color. If you saturate the color by 10%, you get **9CDFDF**, and if you desaturate by 10%, it is **C8DFDF**.

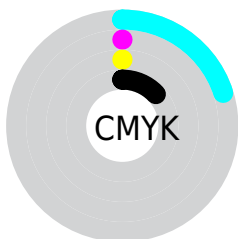
Distribution



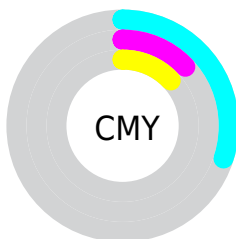
- Red (70%)
- Green (87%)
- Blue (87%)



- Red (70%)
- Yellow (79%)
- Blue (87%)



- Cyan (20%)
- Magenta (0%)
- Yellow (0%)
- Black (13%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color B2DFDF 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 B2DFDF by changing the saturation by 10% instead.

 B2DFDF

 B2DFDF

FFFFFF


 97C3C3

 EAFFFF

 7CA8A8

 638D8D

 4A7474

 315B5B

 184344

 002D2E

 001919

 000000

 B2DFDF

 B2DFDF

 9CDFDF

 C8DFDF

 85DFDF

 DFDfdf

 6FDfdf

 F5DFDF

 59DFDF

 FFDFDF

 42DFDF

 2CDFDF

 16DFDF

 00DFDF

Harmonies

Analogous

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



BADFD0



B2DFDF



B4DDEC

Triad

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



B2DFDF



E4D0EA



E8D4BB

Complementary

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



B2DFDF



DFB2B2

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.



F2CFC1



B2DFDF



F1CDDD

Square

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



B2DFDF



D2D5F2



F6CDCE



D9D8BB

Rectangle

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



B2DFDF



BCDBF1



F6CDCE



ECD2BC

Sweetspot

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



B2DFDF



F0FFFF



B2DFB2



778080



000000



808080

Same Dimension

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



B2DFDF



C2FFFF



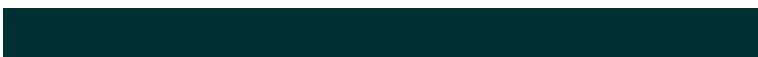
B2C9DF



657070



00B0B0



003030

Inverse Universe

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



DFB2DF



FFC2FF



DFC9B2



706570



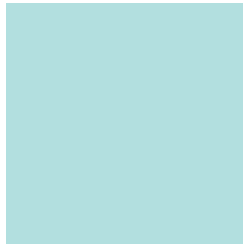
B000B0



300030

Previews

White Background



This preview shows how the Hex color B2DFDF looks on a white background.

Color Contrast Check

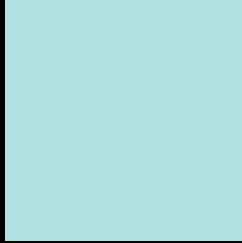
Large Text (above 18pt) WCAG AA × Fail

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 B2DFDF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

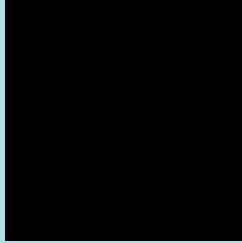
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

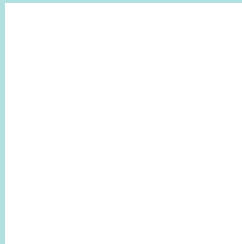
Any Text WCAG AAA ✓ Pass

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

Hex B2DFDF Background



This preview shows how black text looks on a background with the Hex color B2DFDF.

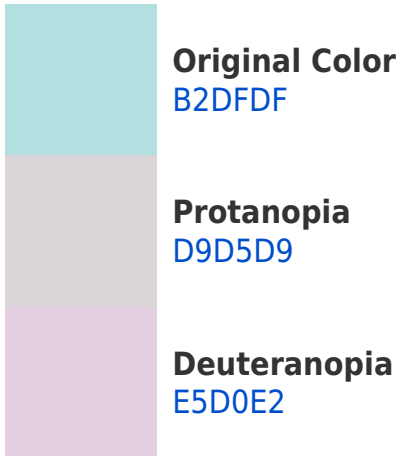


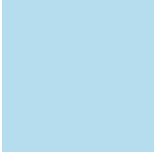
This preview shows how white text looks on a background with the Hex color B2DFDF.

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](#).

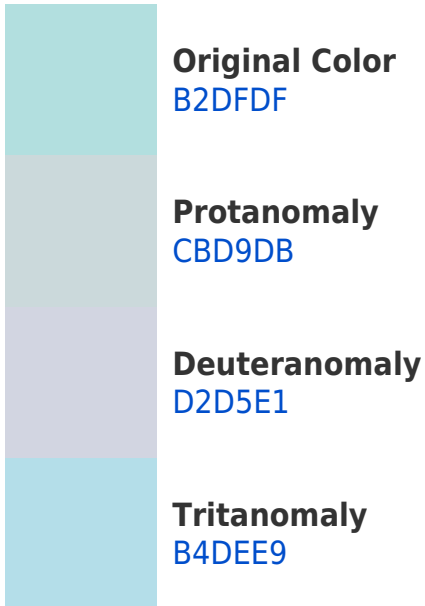
Dichromacy



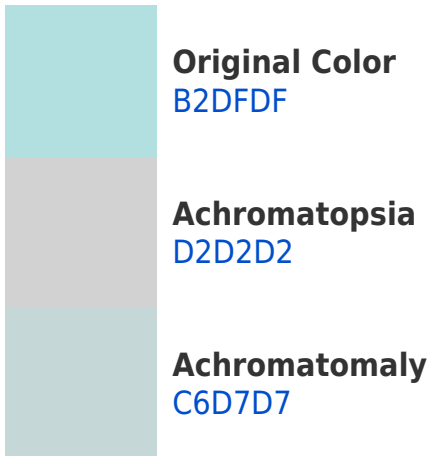


Tritanopia
B5DDEE

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B2DFDF 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 #B2DFDF looks like.

```
.text, #text, p{  
    color:#B2DFDF  
}
```

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 #B2DFDF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B2DFDF
}
```

Border

The CSS property to change the border of an element to Hex B2DFDF 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
#B2DFDF }
```

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

```
.border{ border-color:#B2DFDF }
```

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

Here you see how a box with a 4 pixel #B2DFDF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B2DFDF; -webkit-box-shadow:4px 4px  
4px 4px #B2DFDF; box-shadow:4px 4px 4px  
4px #B2DFDF }
```

Background

The CSS property to change the background color of an element to Hex B2DFDF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B2DFDF }
```

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

```
.background{ background-color:#B2DFDF }
```

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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