

Converting Colors

Hex(B2DFC9)

Have a look what the booklet for
Hex(B2DFC9) contains.

Hex(B2DFC9)	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(B2DFC9)

Conversions

Conversions Part 1

Format	Color
Hex	B2DFC9
RGB	178, 223, 201
RGB Percent	70%, 87%, 79%
CMY	0.3020, 0.1255, 0.2118
CMYK	0.20, 0.00, 0.10, 0.13
HSL	151°, 41%, 79%
HSV	151°, 20%, 87%
XYZ	55.2904, 66.4574, 65.1718
YIQ	207.0370, -19.7580, -16.3820

Conversions

Conversions Part 2

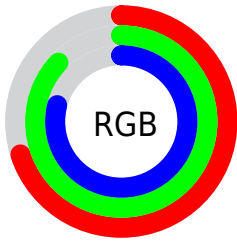
Format	Color
RYB	178, 208, 223
Decimal	11722697
CIELab	85.23, -18.94, 5.98
CIELCh	85, 19.866, 162.474
Yxy	66.4574, 0.2958, 0.3555
Android (android.graphics.Color)	4289912777 (0xFFB2DFC9)
YUV	207.0370, -2.9762, -25.4654
Hunter-Lab	81.5214, -21.5981, 9.6659

Details

The Hex color **B2DFC9** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **DFB2C8**, and the grayscale version is **CFCFCF**.

A 20% lighter version of the original color is **EAEFFF**, and **7DA893** is the 20% darker color. If you saturate the color by 10%, you get **9CDFBE**, and if you desaturate by 10%, it is **C8DFD4**.

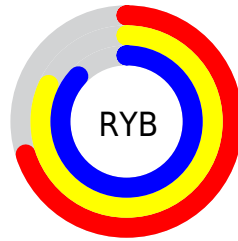
Distribution



Red (70%)

Green (87%)

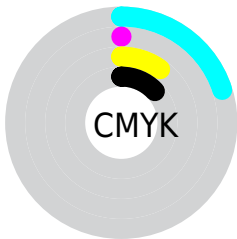
Blue (79%)



Red (70%)

Yellow (82%)

Blue (87%)

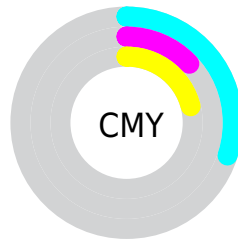


Cyan (20%)

Magenta (0%)

Yellow (10%)

Black (13%)



Cyan (30%)

Magenta (13%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Hex color B2DFC9 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 B2DFC9 by changing the saturation by 10% instead.

 B2DFC9

 B2DFC9

FFFFFF

 97C3AE

 EAFFFF

 7DA893

 638D79

 4A7461

 325B49

 1B4332

 022D1D

 001A04

 000000

 B2DFC9

 B2DFC9

 9CDFBE

 C8DFD4

 85DFB3

 DFD FDF

 6FDFA8

 F5DFEA

 59DF9D

 FFDF F5

 42DF92

 FFDF F F

 2CDF88

 16DF7D

 00DF72

Harmonies

Analogous

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



C6DCB9



B2DFC9



A5E0DC

Triad

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



B2DFC9



CAD4F9



FACBBC

Complementary

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



B2DFC9



DFB2C8

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.



FCC8CE



B2DFC9



E2CEF1

Square

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



B2DFC9



B3DAF8



F4C9E1



EED0B2

Rectangle

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



B2DFC9



A3DFE8



F4C9E1



FCC9C2

Sweetspot

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



B2DFC9



F0FFF8



C9DFB2



77807B



000000



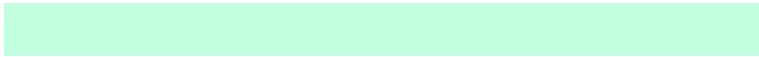
808080

Same Dimension

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



B2DFC9



C2FFE1



B2DFDF



65706B



00B05A



003019

Inverse Universe

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



DFB2C8



FFC2E0



DFB2B2



70656A



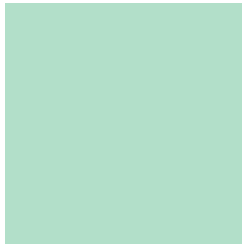
B00056



300018

Previews

White Background



This preview shows how the Hex color B2DFC9 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 B2DFC9 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

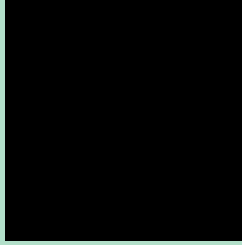
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

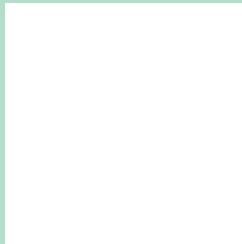
Any Text WCAG AAA ✓ Pass

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

Hex B2DFC9 Background



This preview shows how black text looks on a background with the Hex color B2DFC9.

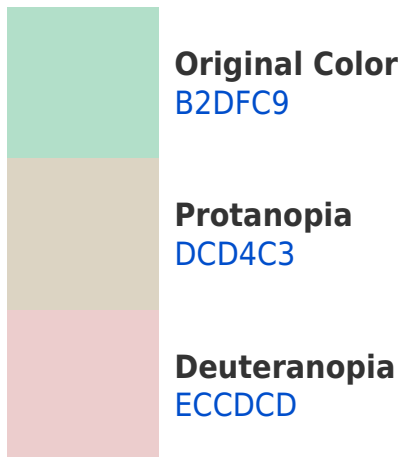


This preview shows how white text looks on a background with the Hex color B2DFC9.

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](#).

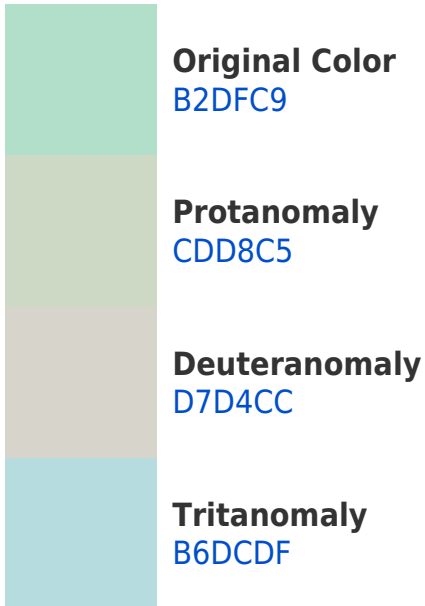
Dichromacy



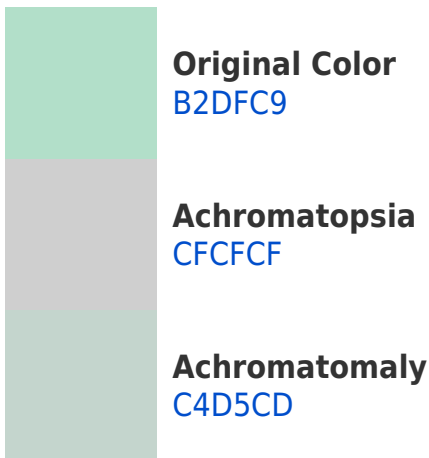


Tritanopia
B8DAEB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B2DFC9 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 #B2DFC9 looks like.

```
.text, #text, p{  
    color:#B2DFC9  
}
```

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 #B2DFC9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B2DFC9  
}
```

Border

The CSS property to change the border of an element to Hex B2DFC9 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  
#B2DFC9 }
```

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

```
.border{ border-color:#B2DFC9 }
```

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

Here you see how a box with a 4 pixel #B2DFC9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B2DFC9; -webkit-box-shadow:4px 4px  
4px 4px #B2DFC9; box-shadow:4px 4px 4px  
4px #B2DFC9 }
```

Background

The CSS property to change the background color of an element to Hex B2DFC9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B2DFC9 }
```

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

```
.background{ background-color:#B2DFC9 }
```

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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