

Converting Colors

Hex(B2DED4)

Have a look what the booklet for
Hex(B2DED4) contains.

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Color

Hex(B2DED4)

Conversions

Conversions Part 1

Format	Color
Hex	B2DED4
RGB	178, 222, 212
RGB Percent	70%, 87%, 83%
CMY	0.3020, 0.1294, 0.1686
CMYK	0.20, 0.00, 0.05, 0.13
HSL	166°, 40%, 78%
HSV	166°, 20%, 87%
XYZ	56.3650, 66.4610, 72.1449
YIQ	207.7040, -23.0140, -12.4380

Conversions

Conversions Part 2

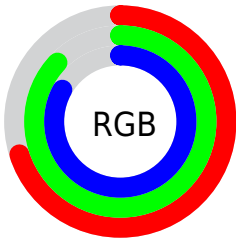
Format	Color
RYB	178, 203, 222
Decimal	11722452
CIELab	85.23, -16.27, 0.18
CIELCh	85, 16.266, 179.377
Yxy	66.4610, 0.2891, 0.3409
Android (android.graphics.Color)	4289912532 (0xFFB2DED4)
YUV	207.7040, 2.1179, -26.0504
Hunter-Lab	81.5236, -19.2523, 4.5975

Details

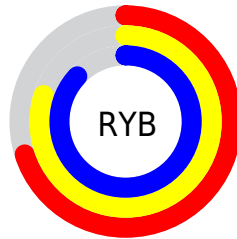
The Hex color **B2DED4** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **DEB2BC**, and the grayscale version is **D0D0D0**.

A 20% lighter version of the original color is **EAFFFF**, and **7DA79D** is the 20% darker color. If you saturate the color by 10%, you get **9CDECF**, and if you desaturate by 10%, it is **C8DED9**.

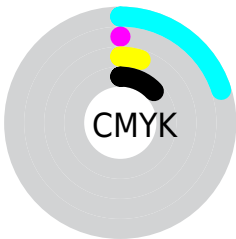
Distribution



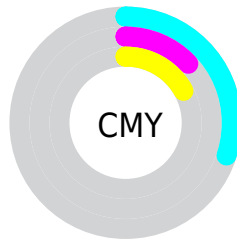
- Red (70%)
- Green (87%)
- Blue (83%)



- Red (70%)
- Yellow (80%)
- Blue (87%)



- Cyan (20%)
- Magenta (0%)
- Yellow (5%)
- Black (13%)



- Cyan (30%)
- Magenta (13%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Hex color B2DED4 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 B2DED4 by changing the saturation by 10% instead.

 B2DED4

FFFFFF

 EAFFFF

 B2DED4

 97C2B8

 7DA79D

 638C83

 4A736A

 325A52

 1A423B

 012C26

 001911

 000000

 B2DED4

 B2DED4

 9CDECF

 C8DED9

 86DECA

 DEDEDE

 6FDEC5

 F5DEE3

 59DEC0

 FFDEE8

 43DEBB

 FFDEED

 2DDEB6

 FFDEF2

 17DEB1

 FFDEF7

 00DEAC

 FFDEFC

 FFDEFF

Harmonies

Analogous

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



BFDCC5



B2DED4



ADDDE3

Triad

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



B2DED4



D8D1F0



EFCFBB

Complementary

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



B2DED4



DEB2BC

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.



F6CBC6



B2DED4



E9CDE5

Square

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



B2DED4



C4D6F3



F4CAD6



E2D4B6

Rectangle

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



B2DED4



B1DCEC



F4CAD6



F2CDBE

Sweetspot

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



B2DED4



F0FFFC



BCDEB2



77807D



000000



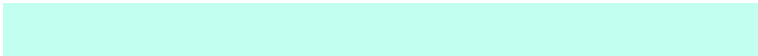
808080

Same Dimension

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



B2DED4



C2FFF1



B2D2DE



65706E



00B088



003025

Inverse Universe

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



DEB2BC



FFC2D0



DEBEB2



706568



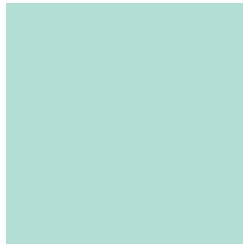
B00028



30000B

Previews

White Background



This preview shows how the Hex color B2DED4 looks on a white background.

Color Contrast Check

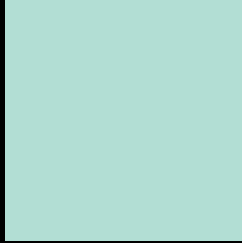
Large Text (above 18pt) WCAG AA × Fail

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 B2DED4 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

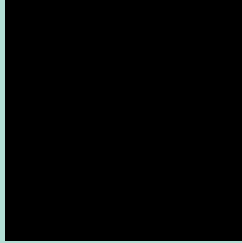
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

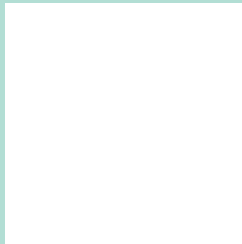
Any Text WCAG AAA ✓ Pass

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

Hex B2DED4 Background



This preview shows how black text looks on a background with the Hex color B2DED4.

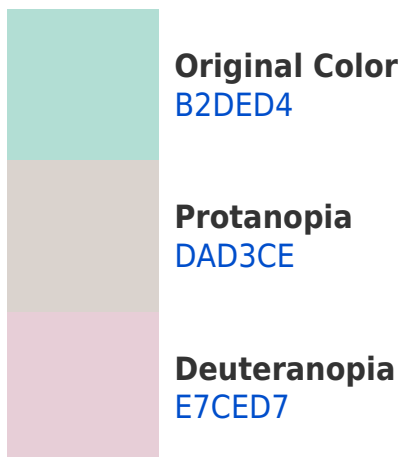


This preview shows how white text looks on a background with the Hex color B2DED4.

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](#).

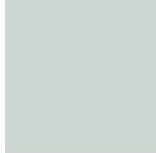
Dichromacy



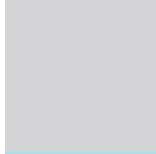
Trichromacy



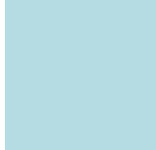
Original Color
B2DED4



Protanomaly
CBD7D0



Deuteranomaly
D4D4D6

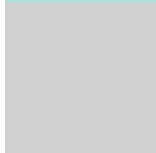


Tritanomaly
B5DBE3

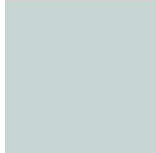
Monochromacy



Original Color
B2DED4



Achromatopsia
D0D0D0



Achromatomaly
C5D5D1

CSS Examples

Text

The CSS property to change the color of the text to Hex B2DED4 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 #B2DED4 looks like.

```
.text, #text, p{  
    color:#B2DED4  
}
```

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 #B2DED4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B2DED4
}
```

Border

The CSS property to change the border of an element to Hex B2DED4 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
#B2DED4 }
```

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

```
.border{ border-color:#B2DED4 }
```

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

Here you see how a box with a 4 pixel #B2DED4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B2DED4; -webkit-box-shadow:4px 4px  
4px 4px #B2DED4; box-shadow:4px 4px 4px  
4px #B2DED4 }
```

Background

The CSS property to change the background color of an element to Hex B2DED4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B2DED4 }
```

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

```
.background{ background-color:#B2DED4 }
```

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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