

Converting Colors

Hex(B2DCE3)

Have a look what the booklet for
Hex(B2DCE3) contains.

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Color

Hex(B2DCE3)

Conversions

Conversions Part 1

Format	Color
Hex	B2DCE3
RGB	178, 220, 227
RGB Percent	70%, 86%, 89%
CMY	0.3020, 0.1373, 0.1098
CMYK	0.22, 0.03, 0.00, 0.11
HSL	189°, 47%, 79%
HSV	189°, 22%, 89%
XYZ	57.8184, 66.1974, 82.4031
YIQ	208.2400, -27.2790, -6.7270

Conversions

Conversions Part 2

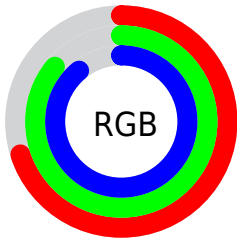
Format	Color
RYB	178, 201, 227
Decimal	11721955
CIELab	85.10, -12.11, -7.95
CIElCh	85, 14.487, 213.305
Yxy	66.1974, 0.2801, 0.3207
Android (android.graphics.Color)	4289912035 (0xFFB2DCE3)
YUV	208.2400, 9.2487, -26.5205
Hunter-Lab	81.3618, -15.5351, -3.0955

Details

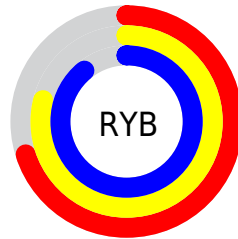
The Hex color **B2DCE3** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **E3B9B2**, and the grayscale version is **D0D0D0**.

A 20% lighter version of the original color is **EAEAE3**, and **7CA5AC** is the 20% darker color. If you saturate the color by 10%, you get **9BD9E3**, and if you desaturate by 10%, it is **C9DFE3**.

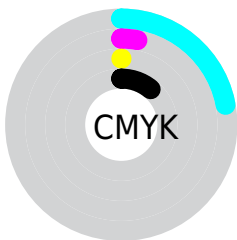
Distribution



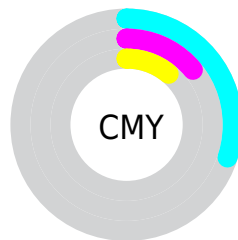
- Red (70%)
- Green (86%)
- Blue (89%)



- Red (70%)
- Yellow (79%)
- Blue (89%)



- Cyan (22%)
- Magenta (3%)
- Yellow (0%)
- Black (11%)



- Cyan (30%)
- Magenta (14%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color B2DCE3 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 B2DCE3 by changing the saturation by 10% instead.

 B2DCE3

 B2DCE3

FFFFFF

 97C0C7

 EAFFFF

 7CA5AC

 638B91

 497177

 31595F

 184147

 002B31

 00171C

 000000

 B2DCE3

 B2DCE3

 9BD9E3

 C9DFE3

 85D6E3

 DFE2E3

 6ED2E3

 F6E6E3

 57CFE3

 FFE9E3

 41CCE3

 FFECE3

 2AC9E3

 FFEFE3

 13C5E3

 FFF3E3

 00C3E3

 FFF6E3

 FFF9E3

Harmonies

Analogous

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



B5DDD6



B2DCE3



B9D9ED

Triad

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



B2DCE3



E8CDE1



DED4B9

Complementary

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



B2DCE3



E3B9B2

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.



EBD0BD



B2DCE3



F1CBD3

Square

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



B2DCE3



D9D1EB



F1CCC6



CFD8BE

Rectangle

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



B2DCE3



C2D7EF



F1CCC6



E3D3BA

Sweetspot

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



B2DCE3



F0DFFF



B2E3B9



777E80



000000



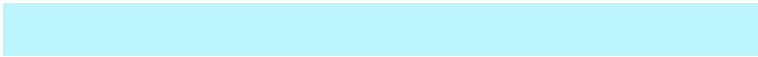
808080

Same Dimension

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



B2DCE3



BDF6FF



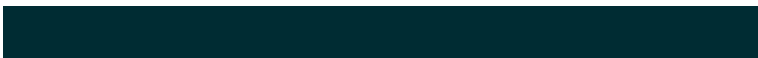
B2C4E3



677173



0099B3



002C33

Inverse Universe

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



E3B2DC



FFBDF6



E3D1B2



736771



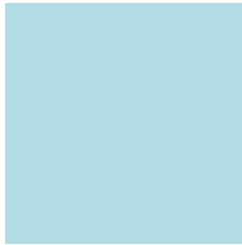
B30099



33002C

Previews

White Background



This preview shows how the Hex color B2DCE3 looks on a white background.

Color Contrast Check

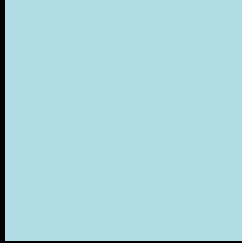
Large Text (above 18pt) WCAG AA × Fail

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 B2DCE3 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

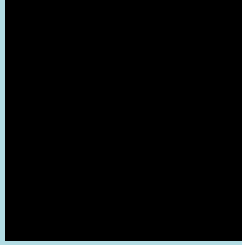
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

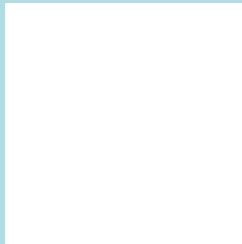
Any Text WCAG AAA ✓ Pass

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

Hex B2DCE3 Background



This preview shows how black text looks on a background with the Hex color B2DCE3.

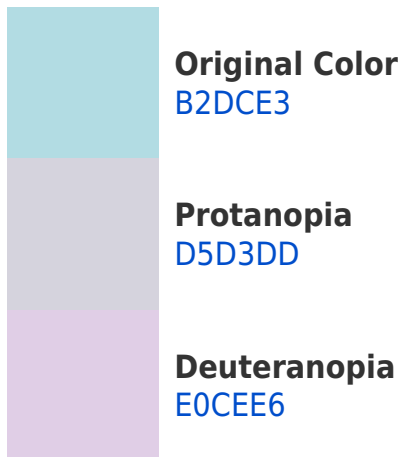


This preview shows how white text looks on a background with the Hex color B2DCE3.

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](#).

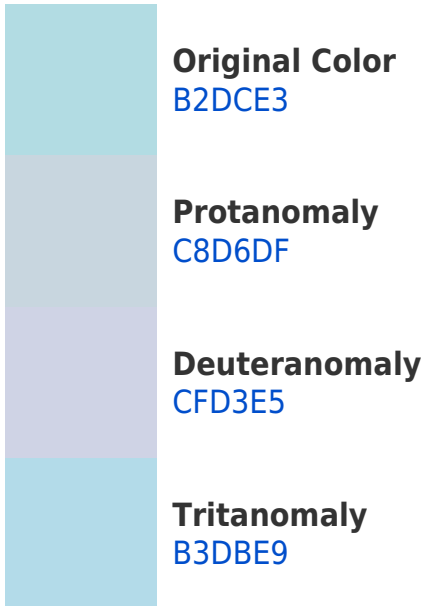
Dichromacy



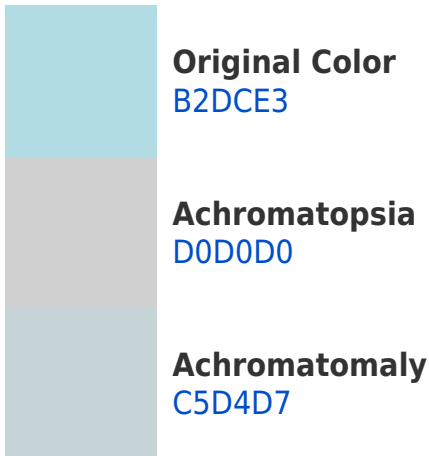


Tritanopia
B4DBEC

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B2DCE3 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 #B2DCE3 looks like.

```
.text, #text, p{  
    color:#B2DCE3  
}
```

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 #B2DCE3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B2DCE3
}
```

Border

The CSS property to change the border of an element to Hex B2DCE3 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
#B2DCE3 }
```

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

```
.border{ border-color:#B2DCE3 }
```

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

Here you see how a box with a 4 pixel #B2DCE3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B2DCE3; -webkit-box-shadow:4px 4px  
4px 4px #B2DCE3; box-shadow:4px 4px 4px  
4px #B2DCE3 }
```

Background

The CSS property to change the background color of an element to Hex B2DCE3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B2DCE3 }
```

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

```
.background{ background-color:#B2DCE3 }
```

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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