

Converting Colors

Hex(B3D7DE)

Have a look what the booklet for
Hex(B3D7DE) contains.

Hex(B3D7DE)	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(B3D7DE)

Conversions

Conversions Part 1

Format	Color
Hex	B3D7DE
RGB	179, 215, 222
RGB Percent	70%, 84%, 87%
CMY	0.2980, 0.1569, 0.1294
CMYK	0.19, 0.03, 0.00, 0.13
HSL	190°, 39%, 79%
HSV	190°, 19%, 87%
XYZ	56.0757, 63.4585, 78.4005
YIQ	205.0340, -23.7030, -5.4550

Conversions

Conversions Part 2

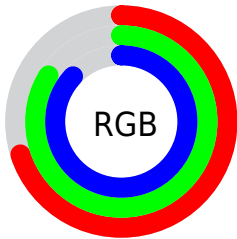
Format	Color
RYB	179, 199, 222
Decimal	11786206
CIELab	83.68, -10.31, -7.39
CIELCh	84, 12.689, 215.633
Yxy	63.4585, 0.2833, 0.3206
Android (android.graphics.Color)	4289976286 (0xFFB3D7DE)
YUV	205.0340, 8.3642, -22.8318
Hunter-Lab	79.6608, -13.7550, -2.5893

Details

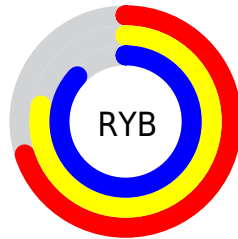
The Hex color **B3D7DE** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **DEBAB3**, and the grayscale version is **CDCDCD**.

A 20% lighter version of the original color is **EBFFFF**, and **7EA0A7** is the 20% darker color. If you saturate the color by 10%, you get **9DD3DE**, and if you desaturate by 10%, it is **C9DBDE**.

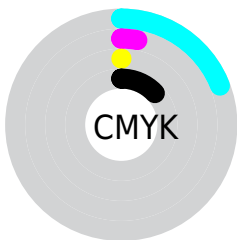
Distribution



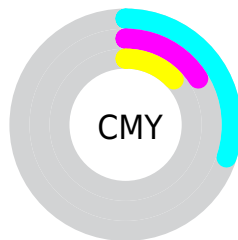
- Red (70%)
- Green (84%)
- Blue (87%)



- Red (70%)
- Yellow (78%)
- Blue (87%)



- Cyan (19%)
- Magenta (3%)
- Yellow (0%)
- Black (13%)



- Cyan (30%)
- Magenta (16%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color B3D7DE 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 B3D7DE by changing the saturation by 10% instead.

 B3D7DE

 B3D7DE

FFFFFF

 98BBC2

 EBFFFF

 7EA0A7

 64868D

 4B6D73

 33545B

 1B3D43

 02272D

 001318

 000000

 B3D7DE

 B3D7DE

 9DD3DE

 C9DBDE

 87D0DE

 DFDEDE

 70CCDE

 F6E2DE

 5AC9DE

 FFE5DE

 44C5DE

 FFE9DE

 2EC1DE

 FFEDDE

 18BEDE

 FFF0DE

 01BADE

 FFF4DE

 00BADE

 FFF8DE

Harmonies

Analogous

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



B5D8D2



B3D7DE



BAD5E6

Triad

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



B3D7DE



E2CADB



D8D0B9

Complementary

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



B3D7DE



DEBAB3

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.



E3CDBB



B3D7DE



EAC9CF

Square

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



B3D7DE



D6CDE4



EACAC3



CAD4BD

Rectangle

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



B3D7DE



C2D2E8



EACAC3



DCCFB9

Sweetspot

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



B3D7DE



F0DFFF



B3DEB9



777E80



000000



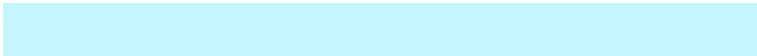
808080

Same Dimension

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



B3D7DE



C4F5FF



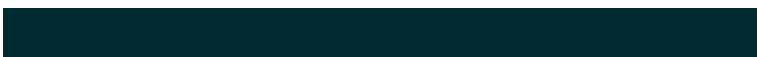
B3C2DE



656E70



0093B0



002930

Inverse Universe

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



DEB3D7



FFC4F5



DECFB3



70656E



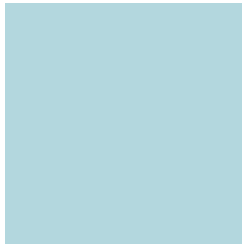
B00093



300029

Previews

White Background



This preview shows how the Hex color B3D7DE looks on a white background.

Color Contrast Check

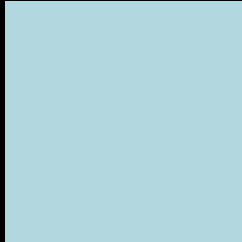
Large Text (above 18pt) WCAG AA × Fail

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 B3D7DE looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

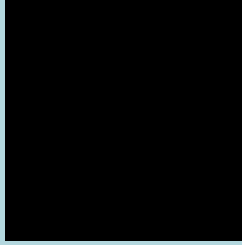
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

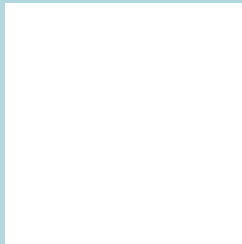
Any Text WCAG AAA ✓ Pass

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

Hex B3D7DE Background



This preview shows how black text looks on a background with the Hex color B3D7DE.

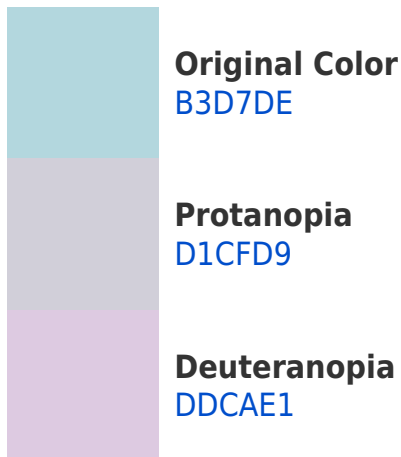


This preview shows how white text looks on a background with the Hex color B3D7DE.

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](#).

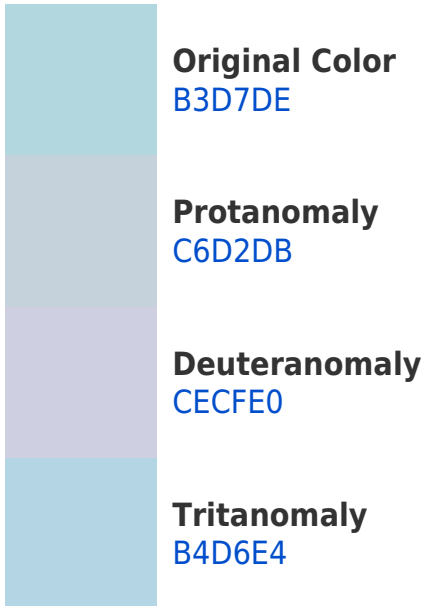
Dichromacy



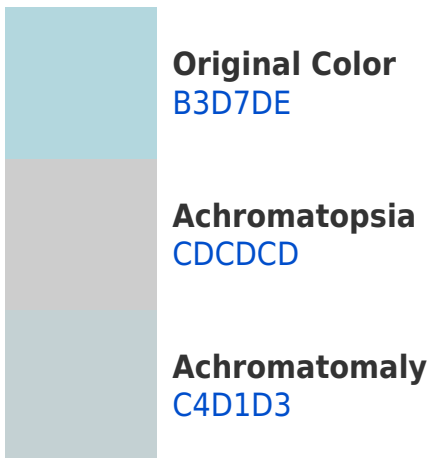


Tritanopia
B5D6E7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B3D7DE 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 #B3D7DE looks like.

```
.text, #text, p{  
    color:#B3D7DE  
}
```

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 #B3D7DE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B3D7DE
}
```

Border

The CSS property to change the border of an element to Hex B3D7DE 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
#B3D7DE }
```

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

```
.border{ border-color:#B3D7DE }
```

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

Here you see how a box with a 4 pixel #B3D7DE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B3D7DE; -webkit-box-shadow:4px 4px  
4px 4px #B3D7DE; box-shadow:4px 4px 4px  
4px #B3D7DE }
```

Background

The CSS property to change the background color of an element to Hex B3D7DE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B3D7DE }
```

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

```
.background{ background-color:#B3D7DE }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor