

Converting Colors

Hex(B3D7E3)

Have a look what the booklet for
Hex(B3D7E3) contains.

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Color

Hex(B3D7E3)

Conversions

Conversions Part 1

Format	Color
Hex	B3D7E3
RGB	179, 215, 227
RGB Percent	70%, 84%, 89%
CMY	0.2980, 0.1569, 0.1098
CMYK	0.21, 0.05, 0.00, 0.11
HSL	195°, 46%, 80%
HSV	195°, 21%, 89%
XYZ	56.7560, 63.7306, 81.9829
YIQ	205.6040, -25.3080, -3.9000

Conversions

Conversions Part 2

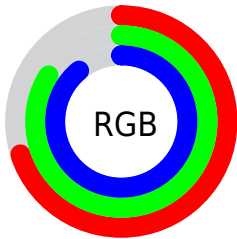
Format	Color
RYB	179, 200, 227
Decimal	11786211
CIELab	83.83, -9.24, -9.84
CIELCh	84, 13.494, 226.801
Yxy	63.7306, 0.2803, 0.3148
Android (android.graphics.Color)	4289976291 (0xFFB3D7E3)
YUV	205.6040, 10.5482, -23.3317
Hunter-Lab	79.8315, -12.8010, -5.0058

Details

The Hex color **B3D7E3** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **E3BFB3**, and the grayscale version is **CECECE**.

A 20% lighter version of the original color is **EBFFFF**, and **7DA0AC** is the 20% darker color. If you saturate the color by 10%, you get **9CD1E3**, and if you desaturate by 10%, it is **CADDE3**.

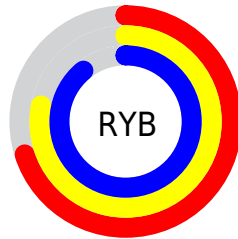
Distribution



Red (70%)

Green (84%)

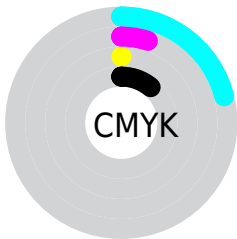
Blue (89%)



Red (70%)

Yellow (78%)

Blue (89%)

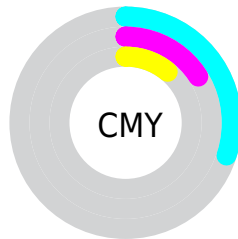


Cyan (21%)

Magenta (5%)

Yellow (0%)

Black (11%)



Cyan (30%)

Magenta (16%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color B3D7E3 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 B3D7E3 by changing the saturation by 10% instead.

 B3D7E3

 B3D7E3

FFFFFF

 98BBC7

 EBFFFF

 7DA0AC

 648691

 4B6D77

 33545F

 1A3D47

 002731

 00131C

 000000

 B3D7E3

 B3D7E3

 9CD1E3

 CADDE3

 86CCE3

 E0E2E3

 6FC6E3

 F7E8E3

 58C0E3

 FFEEE3

 41BBE3

 FFF3E3

 2BB5E3

 FFF9E3

 14AFE3

 FFFF3E3

 00AAE3

Harmonies

Analogous

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



B1D9D8



B3D7E3



BDD4E9

Triad

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



B3D7E3



E8C9D7



D4D2B9

Complementary

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



B3D7E3



E3BFB3

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.



E1CEB9



B3D7E3



ECC9CA

Square

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



B3D7E3



DCCCE2



EACBBF



C5D6BF

Rectangle

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



B3D7E3



C7D1EA



EACBBF



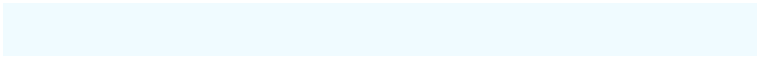
D8D1B8

Sweetspot

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



B3D7E3



F0FBFF



B3E3BF



777D80



000000



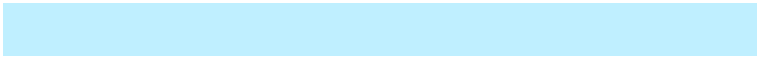
808080

Same Dimension

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



B3D7E3



BFEFFF



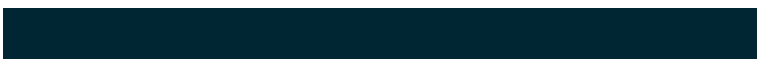
B3C0E3



677073



0086B3



002633

Inverse Universe

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



E3B3D7



FFBFEF



E3D7B3



736770



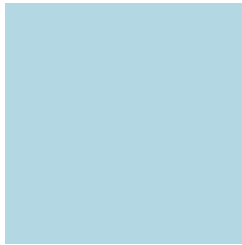
B30086



330026

Previews

White Background



This preview shows how the Hex color B3D7E3 looks on a white background.

Color Contrast Check

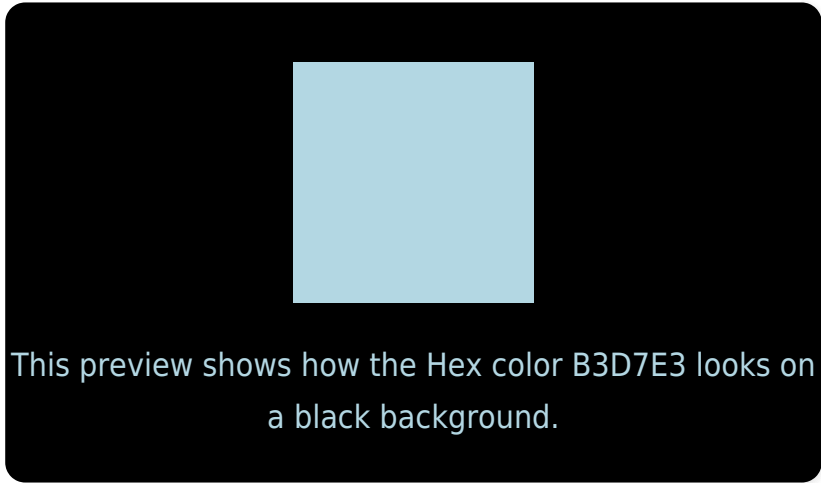
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

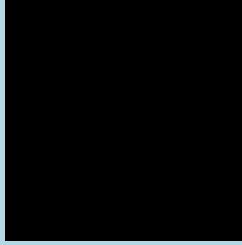
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

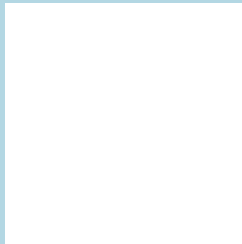
Any Text WCAG AAA ✓ Pass

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

Hex B3D7E3 Background



This preview shows how black text looks on a background with the Hex color B3D7E3.

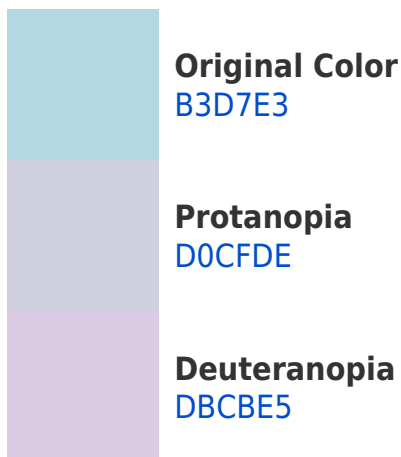


This preview shows how white text looks on a background with the Hex color B3D7E3.

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](#).

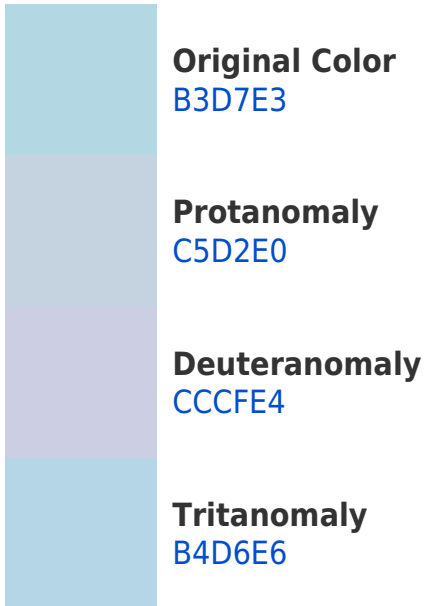
Dichromacy



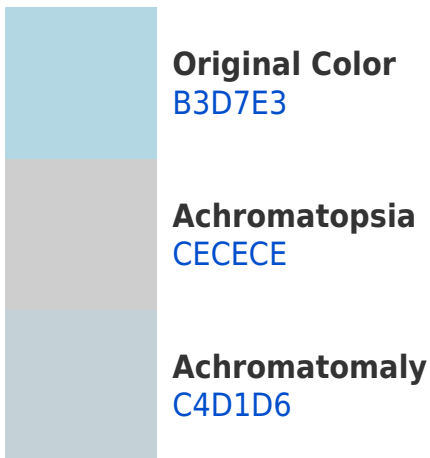


Tritanopia
B4D6E7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B3D7E3 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 #B3D7E3 looks like.

```
.text, #text, p{  
    color:#B3D7E3  
}
```

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 #B3D7E3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B3D7E3
}
```

Border

The CSS property to change the border of an element to Hex B3D7E3 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
#B3D7E3 }
```

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

```
.border{ border-color:#B3D7E3 }
```

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

Here you see how a box with a 4 pixel #B3D7E3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B3D7E3; -webkit-box-shadow:4px 4px  
4px 4px #B3D7E3; box-shadow:4px 4px 4px  
4px #B3D7E3 }
```

Background

The CSS property to change the background color of an element to Hex B3D7E3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B3D7E3 }
```

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

```
.background{ background-color:#B3D7E3 }
```

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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