

Converting Colors

Hex(BDE5E0)

Have a look what the booklet for
Hex(BDE5E0) contains.

Hex(BDE5E0)	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(BDE5E0)

Conversions

Conversions Part 1

Format	Color
Hex	BDE5E0
RGB	189, 229, 224
RGB Percent	74%, 90%, 88%
CMY	0.2588, 0.1020, 0.1216
CMYK	0.17, 0.00, 0.02, 0.10
HSL	172°, 43%, 82%
HSV	172°, 17%, 90%
XYZ	62.4601, 72.2393, 81.1726
YIQ	216.4700, -22.2350, -10.0350

Conversions

Conversions Part 2

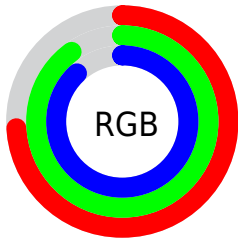
Format	Color
R _Y B	189, 210, 229
Decimal	12445152
CIE Lab	88.08, -13.93, -1.89
CIE LCh	88, 14.063, 187.739
Yxy	72.2393, 0.2893, 0.3346
Android (android.graphics.Color)	4290635232 (0xFFBDE5E0)
YUV	216.4700, 3.7123, -24.0912
Hunter-Lab	84.9937, -17.5629, 2.8711

Details

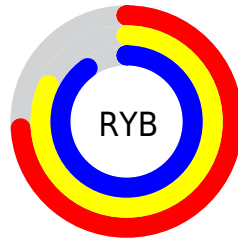
The Hex color **BDE5E0** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **E5BDC2**, and the grayscale version is **D8D8D8**.

A 20% lighter version of the original color is **F6FFFF**, and **87ADA9** is the 20% darker color. If you saturate the color by 10%, you get **A6E5DD**, and if you desaturate by 10%, it is **D4E5E3**.

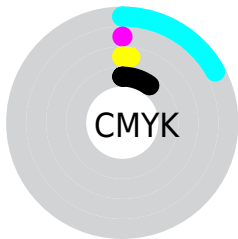
Distribution



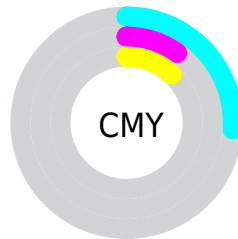
- Red (74%)
- Green (90%)
- Blue (88%)



- Red (74%)
- Yellow (82%)
- Blue (90%)



- Cyan (17%)
- Magenta (0%)
- Yellow (2%)
- Black (10%)



- Cyan (26%)
- Magenta (10%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Hex color BDE5E0 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 BDE5E0 by changing the saturation by 10% instead.

 BDE5E0

 BDE5E0

FFFFFF

 A2C9C4

 F6FFFF

 87ADA9

 6D938E

 547975

 3C605C

 254845

 0C322F

 001D1A

 000000

 BDE5E0

 BDE5E0

 A6E5DD


 D4E5E3

 8FE5DA

 EBE5E6

 78E5D7

 FFE5E9

 61E5D5

 FFE5EB

 4BE5D2

 FFE5EE

 34E5CF

 FFE5F1

 1DE5CC

 FFE5F4

 06E5C9

 FFE5F7

 00E5C8

 FFE5FA

Harmonies

Analogous

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



C7E4D2



BDE5E0



BCE4ED

Triad

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



BDE5E0



E4D8F2



F1D9C5

Complementary

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



BDE5E0



E5BDC2

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.



F9D5CD



BDE5E0



F2D5E7

Square

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



BDE5E0



D3DDF7



F9D4DA



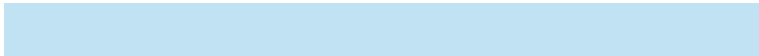
E4DDC3

Rectangle

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



BDE5E0



C0E2F3



F9D4DA



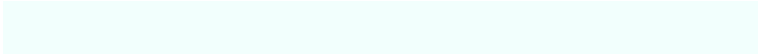
F4D7C7

Sweetspot

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



BDE5E0



F2FFFD



C2E5BD



78807F



000000



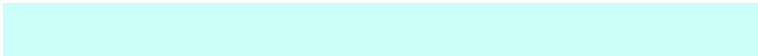
808080

Same Dimension

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



BDE5E0



C9FFF8



BDD6E5



677371



00B39C



00332D

Inverse Universe

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



E5BDC2



FFC9D0



E5CCBD



736769



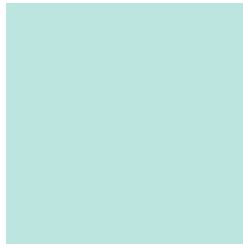
B30016



330006

Previews

White Background



This preview shows how the Hex color BDE5E0 looks on a white background.

Color Contrast Check

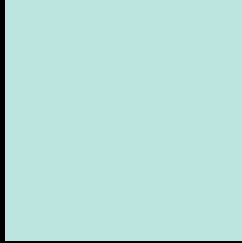
Large Text (above 18pt) WCAG AA × Fail

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 BDE5E0 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

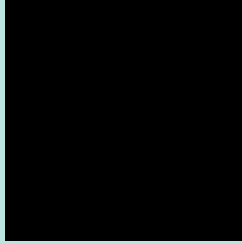
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

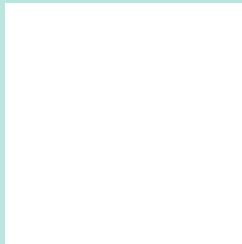
Any Text WCAG AAA ✓ Pass

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

Hex BDE5E0 Background



This preview shows how black text looks on a background with the Hex color BDE5E0.

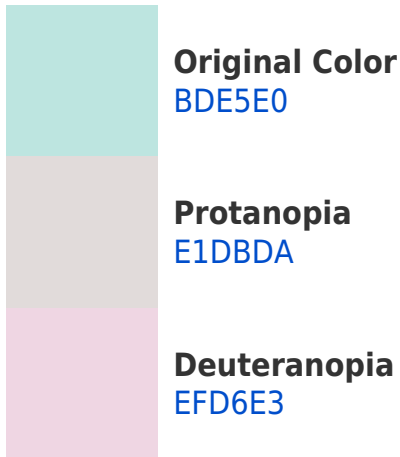


This preview shows how white text looks on a background with the Hex color BDE5E0.

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](#).

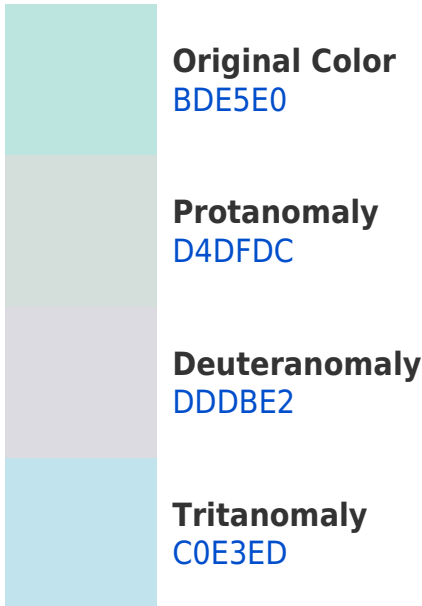
Dichromacy



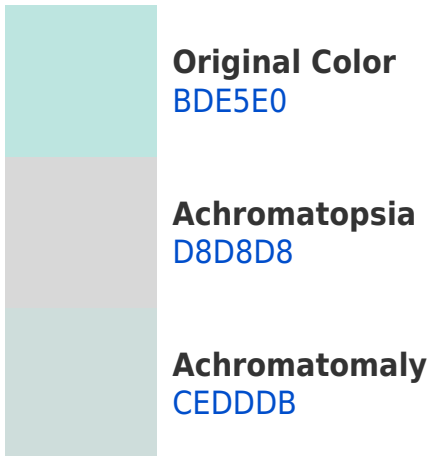


Tritanopia
C1E2F4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex BDE5E0 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 #BDE5E0 looks like.

```
.text, #text, p{  
    color:#BDE5E0  
}
```

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 #BDE5E0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BDE5E0
}
```

Border

The CSS property to change the border of an element to Hex BDE5E0 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
#BDE5E0 }
```

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

```
.border{ border-color:#BDE5E0 }
```

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

Here you see how a box with a 4 pixel #BDE5E0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BDE5E0; -webkit-box-shadow:4px 4px  
4px 4px #BDE5E0; box-shadow:4px 4px 4px  
4px #BDE5E0 }
```

Background

The CSS property to change the background color of an element to Hex BDE5E0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BDE5E0 }
```

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

```
.background{ background-color:#BDE5E0 }
```

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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