

Converting Colors

Hex(BDE9EA)

Have a look what the booklet for
Hex(BDE9EA) contains.

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Color

Hex(BDE9EA)

Conversions

Conversions Part 1

Format	Color
Hex	BDE9EA
RGB	189, 233, 234
RGB Percent	74%, 91%, 92%
CMY	0.2588, 0.0863, 0.0824
CMYK	0.19, 0.00, 0.00, 0.08
HSL	181°, 52%, 83%
HSV	181°, 19%, 92%
XYZ	64.9765, 75.0372, 88.9009
YIQ	219.9580, -26.5450, -9.0170

Conversions

Conversions Part 2

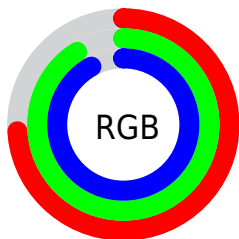
Format	Color
R _{YB}	189, 211, 234
Decimal	12446186
CIE Lab	89.41, -13.89, -5.19
CIE LCh	89, 14.829, 200.477
Yxy	75.0372, 0.2838, 0.3278
Android (android.graphics.Color)	4290636266 (0xFFBDE9EA)
YUV	219.9580, 6.9227, -27.1502
Hunter-Lab	86.6240, -17.6995, -0.2116

Details

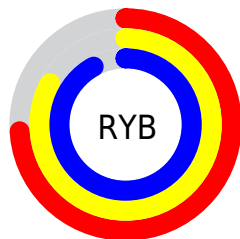
The Hex color **BDE9EA** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **EABEBD**, and the grayscale version is **DCDCDC**.

A 20% lighter version of the original color is **F6FFFF**, and **87B1B2** is the 20% darker color. If you saturate the color by 10%, you get **A6E8EA**, and if you desaturate by 10%, it is **D4EAEA**.

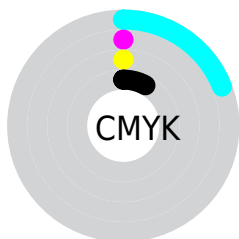
Distribution



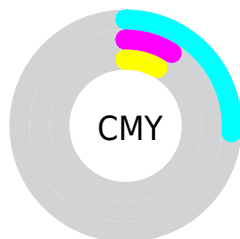
- Red (74%)
- Green (91%)
- Blue (92%)



- Red (74%)
- Yellow (83%)
- Blue (92%)



- Cyan (19%)
- Magenta (0%)
- Yellow (0%)
- Black (8%)



- Cyan (26%)
- Magenta (9%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Hex color BDE9EA 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 BDE9EA by changing the saturation by 10% instead.

 BDE9EA

FFFFFF

 F6FFFF

 BDE9EA

 A2CDCE

 87B1B2

 6D9798

 537D7E

 3B6465

 234C4D

 083536

 002021

 00000A

 BDE9EA

 BDE9EA

 A6E8EA

 D4EAEA

 8EE8EA

 ECEAEA

 77E7EA

 FFEBEA

 5FE7EA

 FFECEA

 48E6EA

 FFEDEA

 31E6EA

 FFEEEA

 19E5EA

 02E5EA

 00E5EA

Harmonies

Analogous

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



C4E9DB



BDE9EA



C0E7F6

Triad

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



BDE9EA



EFDAF3



F1DEC5

Complementary

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



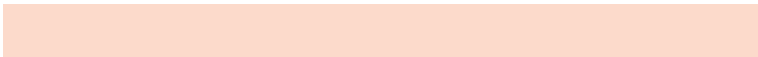
BDE9EA



EABEBD

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.



FCDACB



BDE9EA



FBD7E6

Square

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



BDE9EA



DEDFFB



FFD7D7



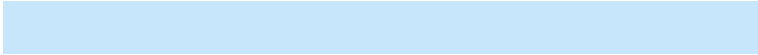
E2E3C6

Rectangle

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



BDE9EA



C7E5FB



FFD7D7



F5DDC6

Sweetspot

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



BDE9EA



F0FFFF



BDEABE



777F80



000000



808080

Same Dimension

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



BDE9EA



C4FEFF



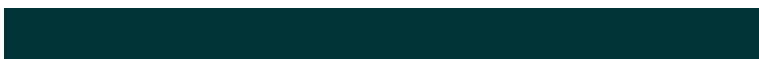
BDD3EA



6A7575



00B1B5



003436

Inverse Universe

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



EABDE9



FFC4FE



EAD4BD



756A75



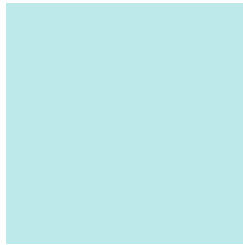
B500B1



360034

Previews

White Background



This preview shows how the Hex color BDE9EA looks on a white background.

Color Contrast Check

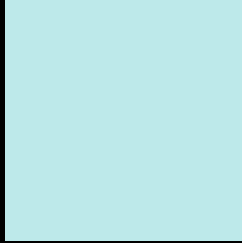
Large Text (above 18pt) WCAG AA × Fail

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 BDE9EA looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

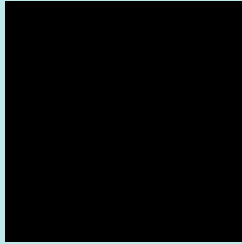
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

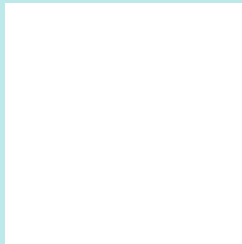
Any Text WCAG AAA ✓ Pass

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

Hex BDE9EA Background



This preview shows how black text looks on a background with the Hex color BDE9EA.

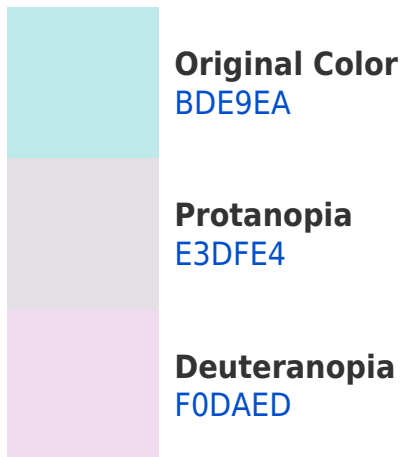


This preview shows how white text looks on a background with the Hex color BDE9EA.

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](#).

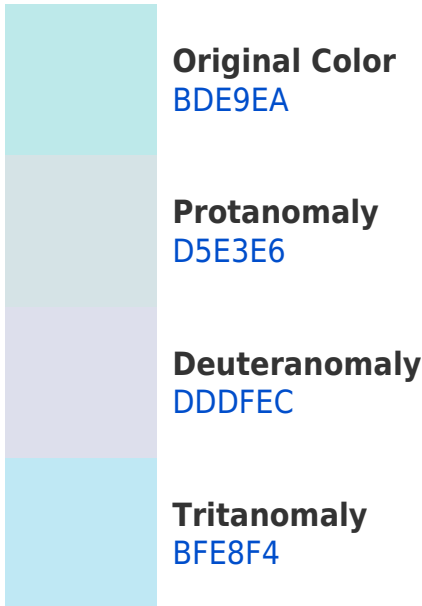
Dichromacy



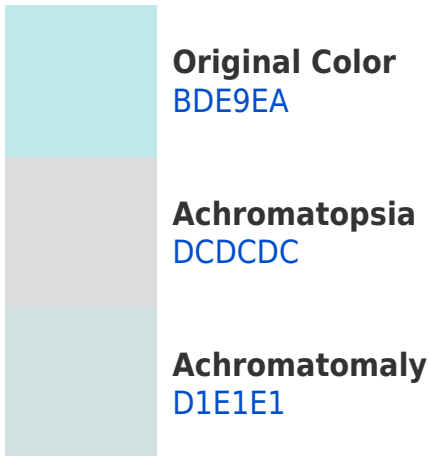


Tritanopia
C0E7F9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex BDE9EA 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 #BDE9EA looks like.

```
.text, #text, p{  
    color:#BDE9EA  
}
```

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 #BDE9EA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BDE9EA
}
```

Border

The CSS property to change the border of an element to Hex BDE9EA 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
#BDE9EA }
```

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

```
.border{ border-color:#BDE9EA }
```

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

Here you see how a box with a 4 pixel #BDE9EA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BDE9EA; -webkit-box-shadow:4px 4px  
4px 4px #BDE9EA; box-shadow:4px 4px 4px  
4px #BDE9EA }
```

Background

The CSS property to change the background color of an element to Hex BDE9EA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BDE9EA }
```

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

```
.background{ background-color:#BDE9EA }
```

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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