

# Converting Colors

Hex(BDE6ED)

Have a look what the booklet for  
Hex(BDE6ED) contains.

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# Color

**Hex(BDE6ED)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BDE6ED
RGB	189, 230, 237
RGB Percent	74%, 90%, 93%
CMY	0.2588, 0.0980, 0.0706
CMYK	0.20, 0.03, 0.00, 0.07
HSL	189°, 57%, 84%
HSV	189°, 20%, 93%
XYZ	64.5691, 73.5269, 90.9097
YIQ	218.5390, -26.6830, -6.5150

# Conversions

## Conversions Part 2

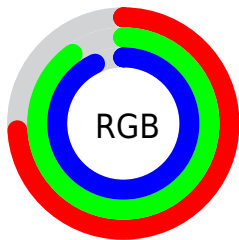
Format	Color
R <sub>YB</sub>	189, 211, 237
Decimal	12445421
CIE Lab	88.70, -11.75, -7.81
CIE LCh	89, 14.107, 213.631
Yxy	73.5269, 0.2820, 0.3211
Android (android.graphics.Color)	4290635501 (0xFFBDE6ED)
YUV	218.5390, 9.1013, -25.9057
Hunter-Lab	85.7478, -15.6460, -2.8357

# Details

The Hex color **BDE6ED** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **EDC4BD**, and the grayscale version is **DADADA**.

A 20% lighter version of the original color is **F6FFFF**, and **87AEB5** is the 20% darker color. If you saturate the color by 10%, you get **A5E3ED**, and if you desaturate by 10%, it is **D5E9ED**.

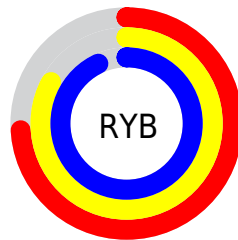
# Distribution



Red (74%)

Green (90%)

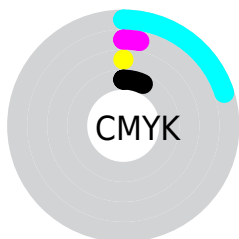
Blue (93%)



Red (74%)

Yellow (83%)

Blue (93%)

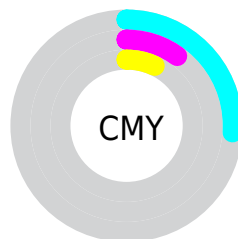


Cyan (20%)

Magenta (3%)

Yellow (0%)

Black (7%)



Cyan (26%)

Magenta (10%)

Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BDE6ED 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 BDE6ED by changing the saturation by 10% instead.



 BDE6ED

FFFFFF

 F6FFFF

 BDE6ED

 A2CAD1

 87AEB5

 6D949A

 537A80

 3B6167

 23494F

 083338

 001E23

 00010D

 BDE6ED

 BDE6ED

 A5E3ED

 D5E9ED

 8EDFED

 ECEDED

 76DCED

 FFF0ED

 5ED8ED

 FFF4ED

 47D5ED

 FFF7ED

 2FD1ED

 FFFBED

 17CEED

 FFFEED

 00CAED

 FFFFED

# Harmonies

## Analogous

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



BFE7E0



BDE6ED



C4E3F6

# Triad

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



BDE6ED



F2D7EB



E8DEC4

# Complementary

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



BDE6ED



EDC4BD

# 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.



F5DAC7



BDE6ED



FAD6DD

# Square

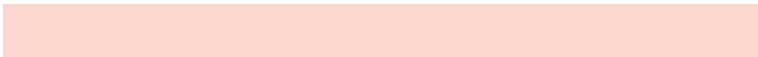
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



BDE6ED



E3DBF5



FBD7D0



D9E2C8

# Rectangle

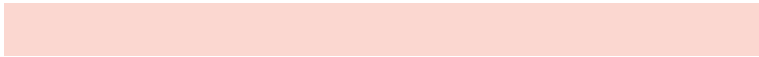
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



BDE6ED



CDE1F9



FBD7D0



EDDDC4

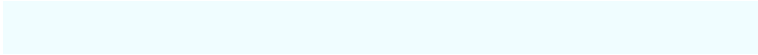


# Sweetspot

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



BDE6ED



F0DFFF



BDEDC3



777E80



000000



808080

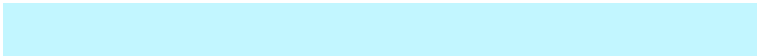


# Same Dimension

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



BDE6ED



C2F6FF



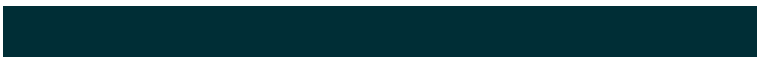
BDCFED



6A7475



009BB5



002E36



# Inverse Universe

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



EDBDE6



FFC2F6



EDDBBD



756A74



B5009B

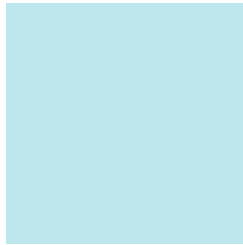


36002E



# Previews

## White Background



This preview shows how the Hex color BDE6ED looks on a white background.

## Color Contrast Check

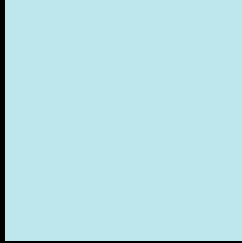
Large Text (above 18pt) WCAG AA × Fail

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 BDE6ED looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

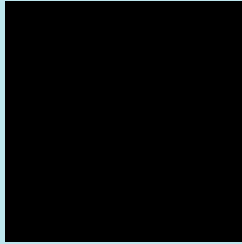
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex BDE6ED Background



This preview shows how black text looks on a background with the Hex color BDE6ED.

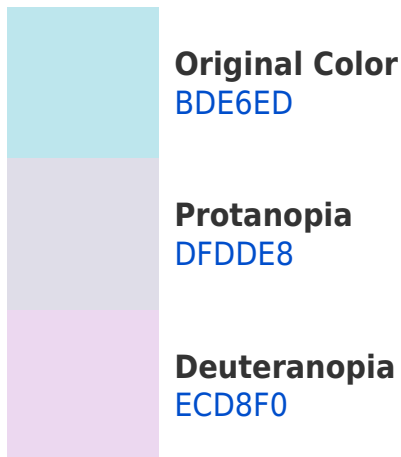


This preview shows how white text looks on a background with the Hex color BDE6ED.

# 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



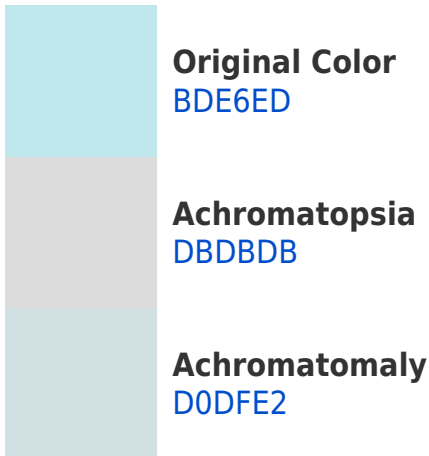


**Tritanopia**  
BFE4F7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BDE6ED 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 #BDE6ED looks like.

```
.text, #text, p{  
    color:#BDE6ED  
}
```

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 #BDE6ED colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BDE6ED
}
```

## Border

The CSS property to change the border of an element to Hex BDE6ED 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
#BDE6ED }
```

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

```
.border{ border-color:#BDE6ED }
```

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

Here you see how a box with a 4 pixel #BDE6ED colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BDE6ED; -webkit-box-shadow:4px 4px  
4px 4px #BDE6ED; box-shadow:4px 4px 4px  
4px #BDE6ED }
```

# Background

The CSS property to change the background color of an element to Hex BDE6ED is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BDE6ED }
```

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

```
.background{ background-color:#BDE6ED }
```

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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