

# Converting Colors

Hex(BDE4EC)

Have a look what the booklet for  
Hex(BDE4EC) contains.

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# **Color**

**Hex(BDE4EC)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BDE4EC
RGB	189, 228, 236
RGB Percent	74%, 89%, 93%
CMY	0.2588, 0.1059, 0.0745
CMYK	0.20, 0.03, 0.00, 0.07
HSL	190°, 55%, 83%
HSV	190°, 20%, 93%
XYZ	63.8700, 72.3618, 89.9578
YIQ	217.2510, -25.8120, -5.7800

# Conversions

## Conversions Part 2

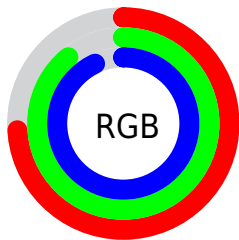
Format	Color
R <sub>Y</sub> B	189, 210, 236
Decimal	12444908
CIE Lab	88.14, -10.94, -8.11
CIE LCh	88, 13.620, 216.553
Yxy	72.3618, 0.2824, 0.3199
Android (android.graphics.Color)	4290634988 (0xFFBDE4EC)
YUV	217.2510, 9.2433, -24.7761
Hunter-Lab	85.0657, -14.8416, -3.1537

# Details

The Hex color **BDE4EC** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **ECC5BD**, and the grayscale version is **D9D9D9**.

A 20% lighter version of the original color is **F6FFFF**, and **87ADB4** is the 20% darker color. If you saturate the color by 10%, you get **A5E0EC**, and if you desaturate by 10%, it is **D5E8EC**.

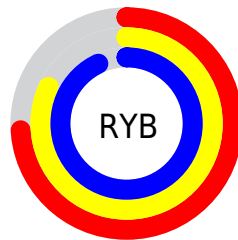
# Distribution



Red (74%)

Green (89%)

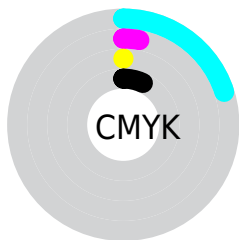
Blue (93%)



Red (74%)

Yellow (82%)

Blue (93%)

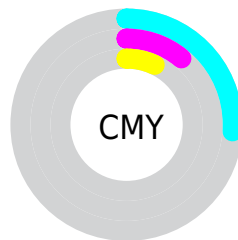


Cyan (20%)

Magenta (3%)

Yellow (0%)

Black (7%)



Cyan (26%)

Magenta (11%)

Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BDE4EC 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 BDE4EC by changing the saturation by 10% instead.



 BDE4EC

FFFFFF

 F6FFFF

 BDE4EC

 A2C8D0

 87ADB4

 6D9299

 547880

 3B5F66

 23484E

 093138

 001C22

 00000C

 BDE4EC

 BDE4EC

 A5E0EC

 D5E8EC

 8EDCEC

 ECECEC

 76D8EC

 FFF0EC

 5FD4EC

 FFF4EC

 47D0EC

 FFF8EC

 2FCCEC

 FFFCEC

 18C8EC

 FFFFEC

 00C4EC

# Harmonies

## Analogous

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



BEE5E0



BDE4EC



C5E1F4

# Triad

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



BDE4EC



F1D6E8



E5DDC3

# Complementary

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



BDE4EC



ECC5BD

# 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.



F1D9C6



BDE4EC



F8D4DB

# Square

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



BDE4EC



E3D9F2



F8D6CE



D6E1C8

# Rectangle

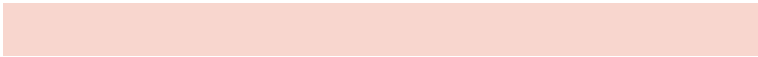
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



BDE4EC



CEDFF7



F8D6CE



E9DCC3

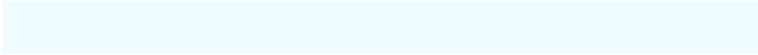


# Sweetspot

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



BDE4EC



F0FCFF



BDECC5



777E80



000000



808080

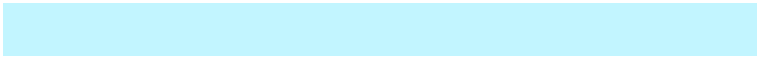


# Same Dimension

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



BDE4EC



C2F5FF



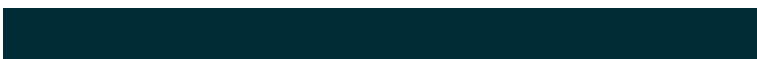
BDCDEC



6A7375



0096B5



002C36



# Inverse Universe

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



ECBDE4



FFC2F5



ECDCBD



756A73



B50096

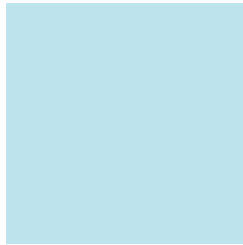


36002C



# Previews

## White Background



This preview shows how the Hex color BDE4EC looks on a white background.

## Color Contrast Check

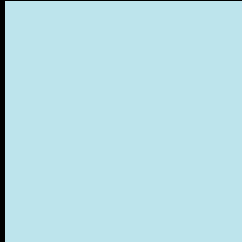
Large Text (above 18pt) WCAG AA × Fail

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 BDE4EC looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

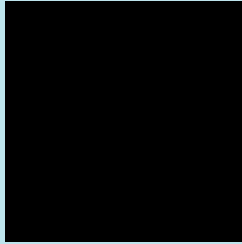
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex BDE4EC Background



This preview shows how black text looks on a background with the Hex color BDE4EC.

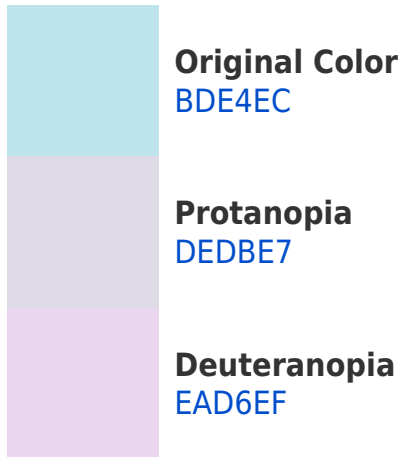


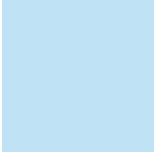
This preview shows how white text looks on a background with the Hex color BDE4EC.

# 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



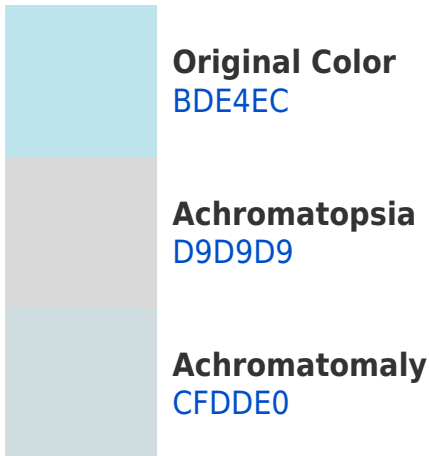


**Tritanopia**  
BFE3F5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BDE4EC 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 #BDE4EC looks like.

```
.text, #text, p{  
    color:#BDE4EC  
}
```

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 #BDE4EC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BDE4EC
}
```

## Border

The CSS property to change the border of an element to Hex BDE4EC 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
#BDE4EC }
```

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

```
.border{ border-color:#BDE4EC }
```

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

Here you see how a box with a 4 pixel #BDE4EC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BDE4EC; -webkit-box-shadow:4px 4px  
4px 4px #BDE4EC; box-shadow:4px 4px 4px  
4px #BDE4EC }
```

# Background

The CSS property to change the background color of an element to Hex BDE4EC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BDE4EC }
```

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

```
.background{ background-color:#BDE4EC }
```

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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