

# Converting Colors

Hex(BDDAE6)

Have a look what the booklet for  
Hex(BDDAE6) contains.

<b>Hex(BDDAE6)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(BDDAE6)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BDDAE6
RGB	189, 218, 230
RGB Percent	74%, 85%, 90%
CMY	0.2588, 0.1451, 0.0980
CMYK	0.18, 0.05, 0.00, 0.10
HSL	198°, 45%, 82%
HSV	198°, 18%, 90%
XYZ	60.3406, 66.6748, 84.5521
YIQ	210.6970, -21.1360, -2.4160

# Conversions

## Conversions Part 2

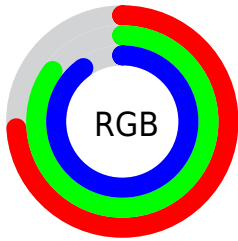
Format	Color
<a href="#">RYB</a>	189, 206, 230
Decimal	12442342
CIELab	85.34, -7.08, -9.11
CIELCh	85, 11.536, 232.140
Yxy	66.6748, 0.2852, 0.3151
Android (android.graphics.Color)	4290632422 (0xFFBDDAE6)
YUV	210.6970, 9.5164, -19.0283
Hunter-Lab	81.6546, -10.9889, -4.2357

# Details

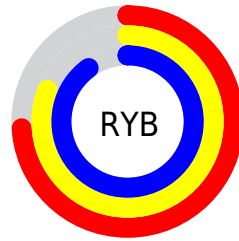
The Hex color **BDDAE6** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **E6C9BD**, and the grayscale version is **D3D3D3**.

A 20% lighter version of the original color is **F6FFFF**, and **87A3AF** is the 20% darker color. If you saturate the color by 10%, you get **A6D3E6**, and if you desaturate by 10%, it is **D4E1E6**.

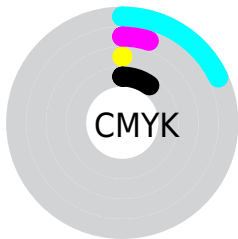
# Distribution



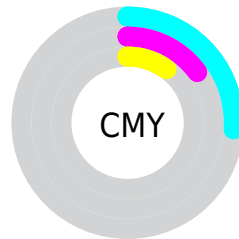
- Red (74%)
- Green (85%)
- Blue (90%)



- Red (74%)
- Yellow (81%)
- Blue (90%)



- Cyan (18%)
- Magenta (5%)
- Yellow (0%)
- Black (10%)



- Cyan (26%)
- Magenta (15%)
- Yellow (10%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BDDAE6 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 BDDAE6 by changing the saturation by 10% instead.



 BDDAE6

 BDDAE6

FFFFFF

 A2BECA

 F6FFFF

 87A3AF

 6D8994

 546F7A

 3C5761

 25404A

 0E2A33

 00161E

 000003

 BDDAE6

 BDDAE6

 A6D3E6

 D4E1E6

 8FCDE6

 EBE7E6

 78C6E6

 FFEEE6

 61BFE6

 FFF5E6

 4AB8E6

 FFFCE6

 33B2E6

 FFFF6E

 1CABE6

 05A4E6

 00A3E6

# Harmonies

## Analogous

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



BADCDD



BDDAE6



C7D7EB

# Triad

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



BDDAE6



EACED9



D5D7C1

# Complementary

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



BDDAE6



E6C9BD

# 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.



E1D3C0



BDDAE6



EDCECD

# Square

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



BDDAE6



E1D0E3



EAD0C4



C9DAC8

# Rectangle

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



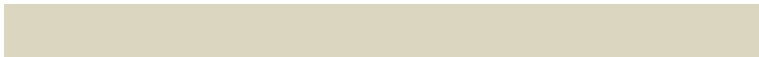
BDDAE6



CFD5EA



EAD0C4



DAD6C0

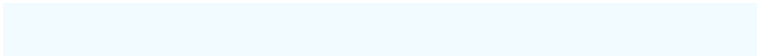


# Sweetspot

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



BDDAE6



F2FBFF



BDE6C9



787D80



000000



808080

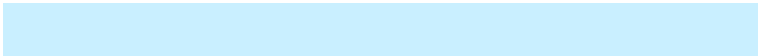


# Same Dimension

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



BDDAE6



C9EFFF



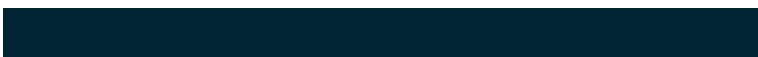
BDC6E6



676F73



007EB3



002433



# Inverse Universe

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



E6BDDA



FFC9EF



E6DDBD



73676F



B3007E

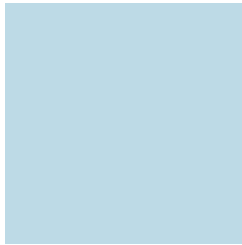


330024



# Previews

## White Background



This preview shows how the Hex color BDDAE6 looks on a white background.

## Color Contrast Check

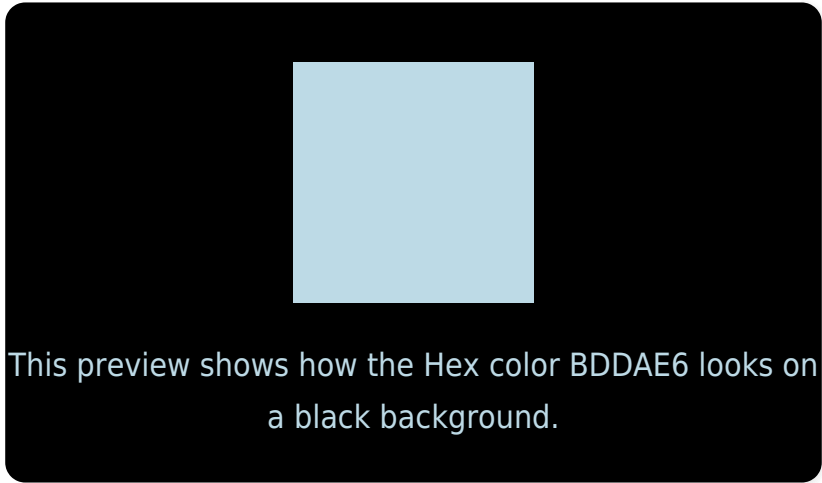
Large Text (above 18pt) WCAG AA × Fail

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

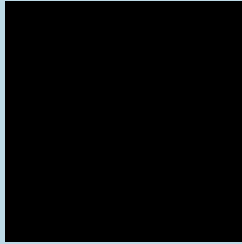
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

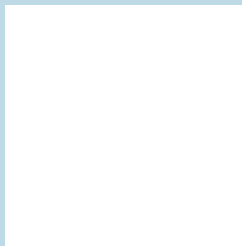
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex BDDAE6 Background



This preview shows how black text looks on a background with the Hex color BDDAE6.

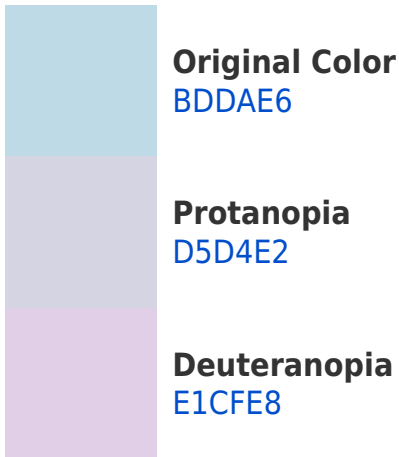


This preview shows how white text looks on a background with the Hex color BDDAE6.

# 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](#).

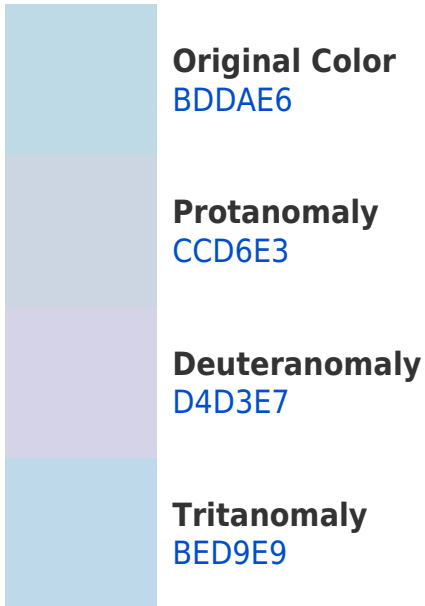
## Dichromacy



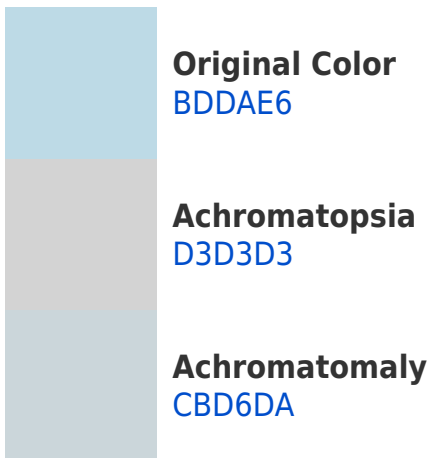


**Tritanopia**  
BED9EB

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BDDAE6 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 #BDDAE6 looks like.

```
.text, #text, p{  
    color:#BDDAE6  
}
```

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 #BDDAE6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BDDAE6  
}
```

## Border

The CSS property to change the border of an element to Hex BDDAE6 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  
#BDDAE6 }
```

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

```
.border{ border-color:#BDDAE6 }
```

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

Here you see how a box with a 4 pixel #BDDAE6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BDDAE6; -webkit-box-shadow:4px 4px  
4px 4px #BDDAE6; box-shadow:4px 4px 4px  
4px #BDDAE6 }
```

# Background

The CSS property to change the background color of an element to Hex BDDAE6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BDDAE6 }
```

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

```
.background{ background-color:#BDDAE6 }
```

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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