

Converting Colors

Hex(BDD9EC)

Have a look what the booklet for
Hex(BDD9EC) contains.

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Color

Hex(BDD9EC)

Conversions

Conversions Part 1

Format	Color
Hex	BDD9EC
RGB	189, 217, 236
RGB Percent	74%, 85%, 93%
CMY	0.2588, 0.1490, 0.0745
CMYK	0.20, 0.08, 0.00, 0.07
HSL	204°, 55%, 83%
HSV	204°, 20%, 93%
XYZ	60.9394, 66.5007, 88.9809
YIQ	210.7940, -22.7870, -0.0270

Conversions

Conversions Part 2

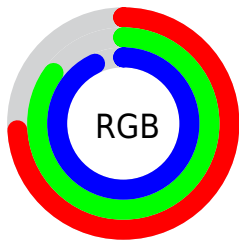
Format	Color
R _{YB}	189, 207, 236
Decimal	12442092
CIE _{Lab}	85.25, -5.28, -12.41
CIE _{LCh}	85, 13.492, 246.951
Yxy	66.5007, 0.2816, 0.3073
Android (android.graphics.Color)	4290632172 (0xFFBDD9EC)
YUV	210.7940, 12.4266, -19.1133
Hunter-Lab	81.5479, -9.3187, -7.6107

Details

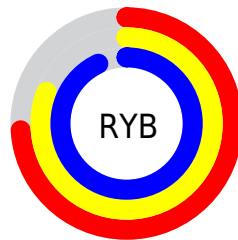
The Hex color **BDD9EC** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **ECD0BD**, and the grayscale version is **D3D3D3**.

A 20% lighter version of the original color is **F6FFFF**, and **87A2B4** is the 20% darker color. If you saturate the color by 10%, you get **A5CFEC**, and if you desaturate by 10%, it is **D5E3EC**.

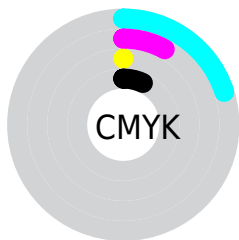
Distribution



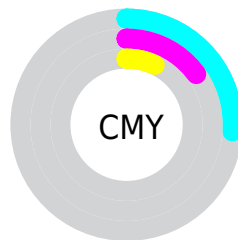
- Red (74%)
- Green (85%)
- Blue (93%)



- Red (74%)
- Yellow (81%)
- Blue (93%)



- Cyan (20%)
- Magenta (8%)
- Yellow (0%)
- Black (7%)



- Cyan (26%)
- Magenta (15%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Hex color BDD9EC 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 BDD9EC by changing the saturation by 10% instead.

 BDD9EC

FFFFFF

 F6FFFF

 BDD9EC

 A2BDD0

 87A2B4

 6D8899

 546F7F

 3C5666

 243F4E

 0C2937

 001522

 00000A

 BDD9EC

 BDD9EC

 A5CFEC

 D5E3EC

 8EC6EC

 ECECEC

 76BCEC

 FFF6EC

 5FB3EC

 FFFFEC

 47A9EC

 2FA0EC

 1896EC

 008DEC

Harmonies

Analogous

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



B5DCE4



BDD9EC



CBD5EE

Triad

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



BDD9EC



F0CCD2



CED9C0

Complementary

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



BDD9EC



ECD0BD

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.



DCD5BC



BDD9EC



F0CEC6

Square

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



BDD9EC



E9CEDF



E9D1BE



C0DCCB

Rectangle

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



BDD9EC



D6D2EC



E9D1BE



D3D8BE

Sweetspot

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



BDD9EC



F0F9FF



BDECD0



777C80



000000



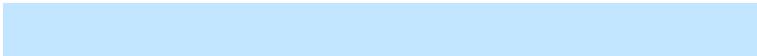
808080

Same Dimension

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



BDD9EC



C2E6FF



BDC2EC



6A7175



006CB5



002036

Inverse Universe

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



ECBDD9



FFC2E6



ECE7BD



756A71



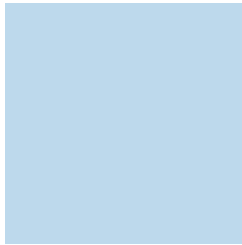
B5006C



360020

Previews

White Background



This preview shows how the Hex color BDD9EC looks on a white background.

Color Contrast Check

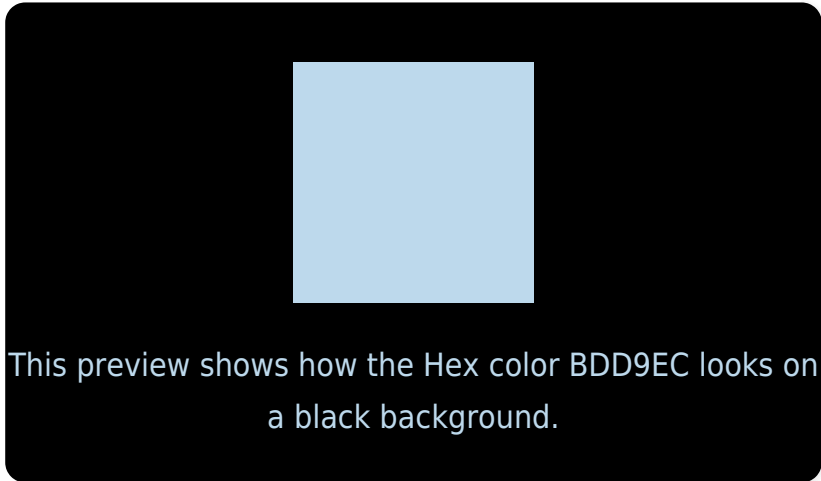
Large Text (above 18pt) WCAG AA × Fail

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

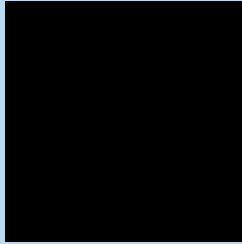
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

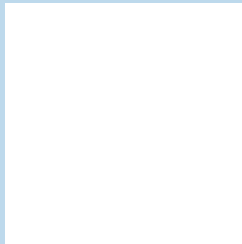
Any Text WCAG AAA ✓ Pass

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

Hex BDD9EC Background



This preview shows how black text looks on a background with the Hex color BDD9EC.

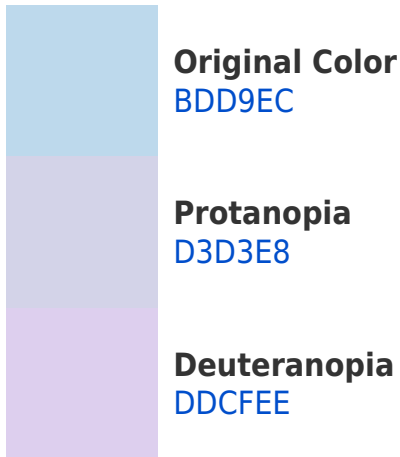


This preview shows how white text looks on a background with the Hex color BDD9EC.

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



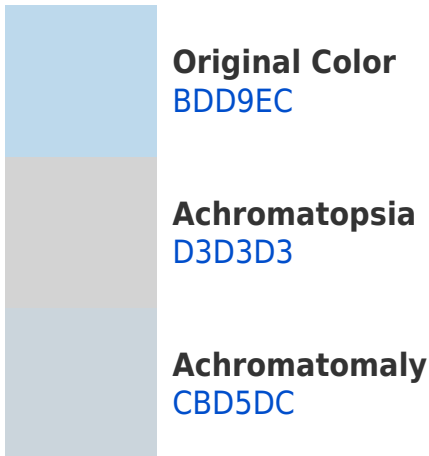


Tritanopia
BDD9EB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex BDD9EC 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 #BDD9EC looks like.

```
.text, #text, p{  
    color:#BDD9EC  
}
```

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 #BDD9EC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BDD9EC
}
```

Border

The CSS property to change the border of an element to Hex BDD9EC 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
#BDD9EC }
```

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

```
.border{ border-color:#BDD9EC }
```

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

Here you see how a box with a 4 pixel #BDD9EC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BDD9EC; -webkit-box-shadow:4px 4px  
4px 4px #BDD9EC; box-shadow:4px 4px 4px  
4px #BDD9EC }
```

Background

The CSS property to change the background color of an element to Hex BDD9EC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BDD9EC }
```

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

```
.background{ background-color:#BDD9EC }
```

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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