

Converting Colors

Hex(BDBEC8)

Have a look what the booklet for
Hex(BDBEC8) contains.

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Color

Hex(BDBEC8)

Conversions

Conversions Part 1

Format	Color
Hex	BDBEC8
RGB	189, 190, 200
RGB Percent	74%, 75%, 78%
CMY	0.2588, 0.2549, 0.2157
CMYK	0.05, 0.05, 0.00, 0.22
HSL	235°, 9%, 76%
HSV	235°, 5%, 78%
XYZ	49.8250, 51.8159, 62.0190
YIQ	190.8410, -3.8060, 2.8980

Conversions

Conversions Part 2

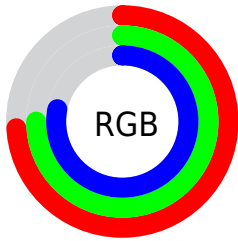
Format	Color
R_{YB}	189, 190, 200
Decimal	12435144
CIE _{Lab}	77.17, 1.56, -5.15
CIE _{LCh}	77, 5.379, 286.843
Yxy	51.8159, 0.3044, 0.3166
Android (android.graphics.Color)	4290625224 (0xFFBDBEC8)
YUV	190.8410, 4.5154, -1.6146
Hunter-Lab	71.9832, -2.4173, -0.6945

Details

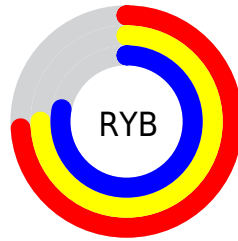
The Hex color **BDBEC8** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **C8C7BD**, and the grayscale version is **BFBFBF**.

A 20% lighter version of the original color is **F5F6FF**, and **888992** is the 20% darker color. If you saturate the color by 10%, you get **A9ACC8**, and if you desaturate by 10%, it is **D1D0C8**.

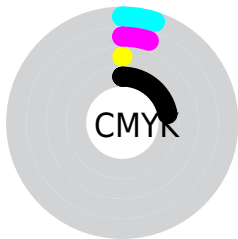
Distribution



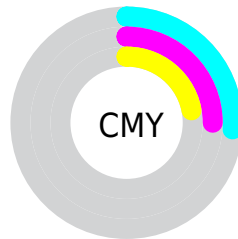
- Red (74%)
- Green (75%)
- Blue (78%)



- Red (74%)
- Yellow (75%)
- Blue (78%)



- Cyan (5%)
- Magenta (5%)
- Yellow (0%)
- Black (22%)



- Cyan (26%)
- Magenta (25%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color BDBEC8 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 BDBEC8 by changing the saturation by 10% instead.

 BDBEC8

 BDBEC8

FFFFFF

 A2A3AD

 F5F6FF


 888992

 6E6F78

 565760

 3F4048

 292A32

 15151D

 000001

 000000

 BDBEC8

 BDBEC8

 A9ACC8

 D1D0C8

 959AC8

 E5E2C8

 8187C8


 F9F5C8

 6D75C8


 FFFFC8

 5963C8

 4551C8

 313FC8

 1D2DC8

 091AC8

Harmonies

Analogous

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



B7C0C8



BDBEC8



C3BCC5

Triad

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



BDBEC8



C9BCB7



B5C1BC

Complementary

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



BDBEC8



C8C7BD

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.



BAC1B8



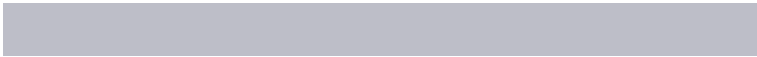
BDBEC8



C5BDB5

Square

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



BDBEC8



CABBBC



C0BFB5



B3C2C1

Rectangle

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



BDBEC8



C6BCC3



C0BFB5



B7C1BA

Sweetspot

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



BDBEC8



FAFAFF



BDC8C7



7D7D80



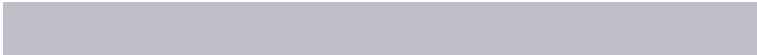
000000



808080

Same Dimension

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



BDBEC8



EDEFFF



C1BDC8



5B5C63



000FA3



000324

Inverse Universe

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



C8BDBE



FFEDEF



C4C8BD



635B5C



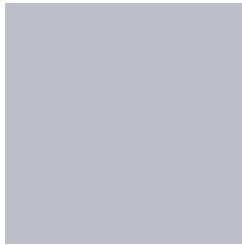
A3000F



240003

Previews

White Background



This preview shows how the Hex color BDBEC8 looks on a white background.

Color Contrast Check

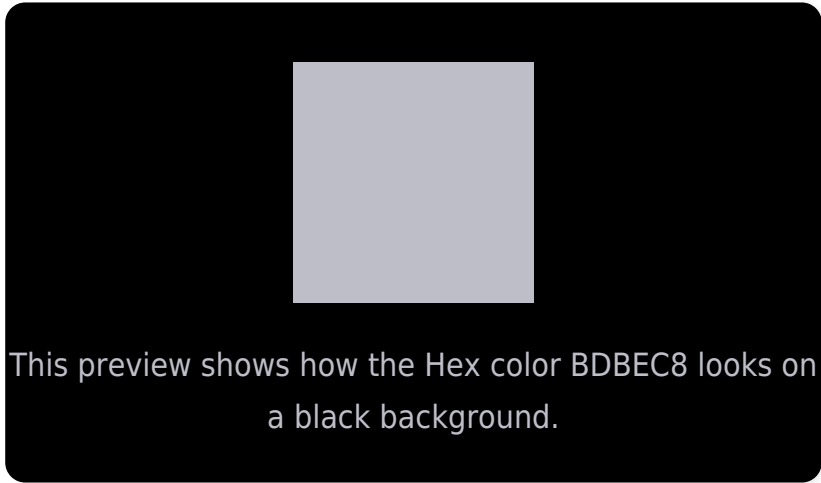
Large Text (above 18pt) WCAG AA × Fail

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

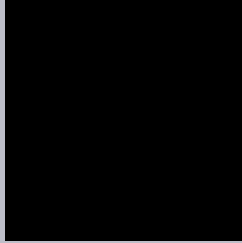
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

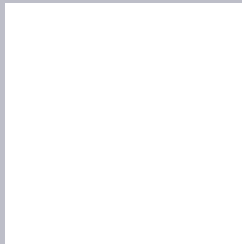
Any Text WCAG AAA ✓ Pass

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

Hex BDBEC8 Background



This preview shows how black text looks on a background with the Hex color BDBEC8.



This preview shows how white text looks on a background with the Hex color BDBEC8.

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



Trichromacy



Original Color
BDBEC8

Protanomaly
BEBDC8

Deuteranomaly
C7BBC9

Tritanomaly
BEBDCB

Monochromacy



Original Color
BDBEC8

Achromatopsia
BFBFBF

Achromatomaly
BEBFC2

CSS Examples

Text

The CSS property to change the color of the text to Hex BDBEC8 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 #BDBEC8 looks like.

```
.text, #text, p{  
    color:#BDBEC8  
}
```

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 #BDBEC8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BDBEC8  
}
```

Border

The CSS property to change the border of an element to Hex BDBEC8 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  
#BDBEC8 }
```

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

```
.border{ border-color:#BDBEC8 }
```

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

Here you see how a box with a 4 pixel #BDBEC8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BDBEC8; -webkit-box-shadow:4px 4px  
4px 4px #BDBEC8; box-shadow:4px 4px 4px  
4px #BDBEC8 }
```

Background

The CSS property to change the background color of an element to Hex BDBEC8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BDBEC8 }
```

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

```
.background{ background-color:#BDBEC8 }
```

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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