

# Converting Colors

Hex(BDC9E4)

Have a look what the booklet for  
Hex(BDC9E4) contains.

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# **Color**

**Hex(BDC9E4)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BDC9E4
RGB	189, 201, 228
RGB Percent	74%, 79%, 89%
CMY	0.2588, 0.2118, 0.1059
CMYK	0.17, 0.12, 0.00, 0.11
HSL	222°, 42%, 82%
HSV	222°, 17%, 89%
XYZ	55.8765, 58.1935, 81.6863
YIQ	200.4900, -15.8190, 5.8530

# Conversions

## Conversions Part 2

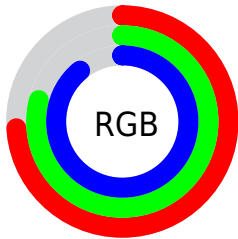
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	189, 198, 228
Decimal	12437988
CIE <sub>Lab</sub>	80.85, 1.42, -14.75
CIE <sub>LCh</sub>	81, 14.821, 275.487
Yxy	58.1935, 0.2854, 0.2973
Android (android.graphics.Color)	4290628068 (0xFFBDC9E4)
YUV	200.4900, 13.5624, -10.0767
Hunter-Lab	76.2847, -2.7517, -10.0889

# Details

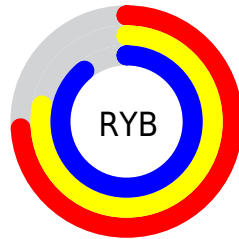
The Hex color **BDC9E4** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **E4D8BD**, and the grayscale version is **C8C8C8**.

A 20% lighter version of the original color is **F6FFFF**, and **8793AD** is the 20% darker color. If you saturate the color by 10%, you get **A6B9E4**, and if you desaturate by 10%, it is **D4D9E4**.

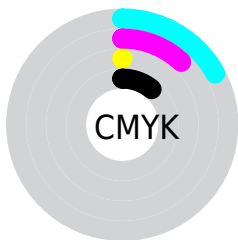
# Distribution



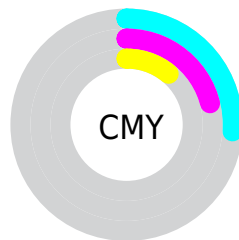
- Red (74%)
- Green (79%)
- Blue (89%)



- Red (74%)
- Yellow (78%)
- Blue (89%)



- Cyan (17%)
- Magenta (12%)
- Yellow (0%)
- Black (11%)



- Cyan (26%)
- Magenta (21%)
- Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BDC9E4 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 BDC9E4 by changing the saturation by 10% instead.



 BDC9E4

FFFFFF

 F6FFFF

 BDC9E4

 A2AEC8

 8793AD

 6E7992

 556178

 3D495F

 263348

 101E31

 00031D

 000000

 BDC9E4

 BDC9E4

 A6B9E4

 D4D9E4

 8FA9E4

 EBE9E4

 799AE4

 FFF8E4

 628AE4

 FFFFE4

 4B7AE4

 346AE4

 1D5BE4

 074BE4

 0046E4

# Harmonies

## Analogous

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



AECDE1



BDC9E4



CFC4DF

# Triad

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



BDC9E4



E6C1B9



B2D0BD

# Complementary

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



BDC9E4



E4D8BD

# 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.



C2CDB2



BDC9E4



DEC4B0

# Square

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



BDC9E4



E5BFC7



D1C9AD



A8D1CB

# Rectangle

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



BDC9E4



D9C2D9



D1C9AD



B7CFB9

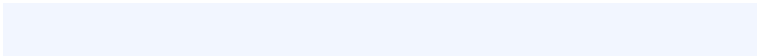


# Sweetspot

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



BDC9E4



F2F6FF



BDE4D8



787A80



000000



808080



# Same Dimension

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



BDC9E4



C9DAFF



C4BDE4



676B73



0037B3



001033



# Inverse Universe

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



E4BDC9



FFC9DA



DDE4BD



73676B



B30037

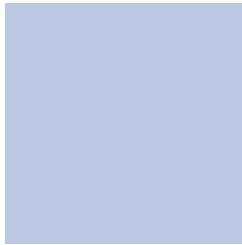


330010



# Previews

## White Background



This preview shows how the Hex color BDC9E4 looks on a white background.

## Color Contrast Check

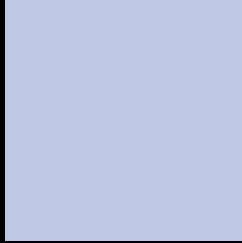
Large Text (above 18pt) WCAG AA × Fail

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 BDC9E4 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

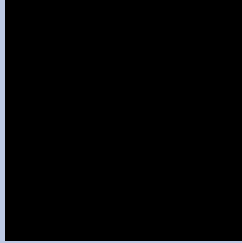
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex BDC9E4 Background



This preview shows how black text looks on a background with the Hex color BDC9E4.



This preview shows how white text looks on a background with the Hex color BDC9E4.

# 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



**Original Color**  
BDC9E4

**Protanopia**  
C4C7E3

**Deuteranopia**  
CEC3E5



# Trichromacy



**Original Color**  
BDC9E4

**Protanomaly**  
C1C8E3

**Deuteranomaly**  
C8C5E5

**Tritanomaly**  
BCCADE

# Monochromacy



**Original Color**  
BDC9E4

**Achromatopsia**  
C8C8C8

**Achromatomaly**  
C4C8D2

# CSS Examples

## Text

The CSS property to change the color of the text to Hex BDC9E4 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 #BDC9E4 looks like.

```
.text, #text, p{  
    color:#BDC9E4  
}
```

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 #BDC9E4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BDC9E4
}
```

## Border

The CSS property to change the border of an element to Hex BDC9E4 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
#BDC9E4 }
```

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

```
.border{ border-color:#BDC9E4 }
```

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

Here you see how a box with a 4 pixel #BDC9E4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BDC9E4; -webkit-box-shadow:4px 4px  
4px 4px #BDC9E4; box-shadow:4px 4px 4px  
4px #BDC9E4 }
```

# Background

The CSS property to change the background color of an element to Hex BDC9E4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BDC9E4 }
```

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

```
.background{ background-color:#BDC9E4 }
```

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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