

# Converting Colors

Hex(BBCCD9)

Have a look what the booklet for  
Hex(BBCCD9) contains.

<b>Hex(BBCCD9)</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(BBCCD9)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BBCCD9
RGB	187, 204, 217
RGB Percent	73%, 80%, 85%
CMY	0.2667, 0.2000, 0.1490
CMYK	0.14, 0.06, 0.00, 0.15
HSL	206°, 28%, 79%
HSV	206°, 14%, 85%
XYZ	54.6108, 58.7603, 74.1092
YIQ	200.3990, -14.3050, 0.4390

# Conversions

## Conversions Part 2

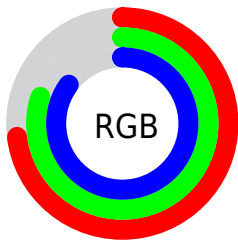
<b>Format</b>	<b>Color</b>
<b>RYB</b>	187, 198, 217
Decimal	12307673
CIELab	81.16, -3.12, -8.41
CIELCh	81, 8.971, 249.646
Yxy	58.7603, 0.2913, 0.3134
Android (android.graphics.Color)	4290497753 (0xFFBBCCD9)
YUV	200.3990, 8.1843, -11.7509
Hunter-Lab	76.6553, -6.9797, -3.6621

# Details

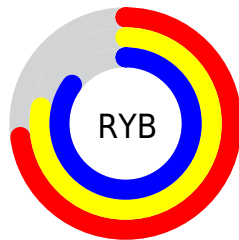
The Hex color **BBCCD9** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **D9C8BB**, and the grayscale version is **C8C8C8**.

A 20% lighter version of the original color is **F3FFFF**, and **8696A2** is the 20% darker color. If you saturate the color by 10%, you get **A5C3D9**, and if you desaturate by 10%, it is **D1D5D9**.

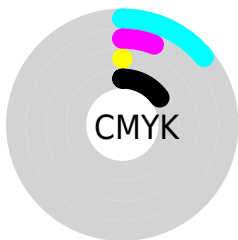
# Distribution



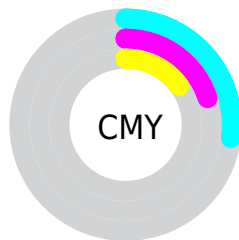
- Red (73%)
- Green (80%)
- Blue (85%)



- Red (73%)
- Yellow (78%)
- Blue (85%)



- Cyan (14%)
- Magenta (6%)
- Yellow (0%)
- Black (15%)



- Cyan (27%)
- Magenta (20%)
- Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BBCCD9 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 BBCCD9 by changing the saturation by 10% instead.



 BBCCD9

 BBCCD9

FFFFFF

 A0B1BD

 F3FFFF

 8696A2

 6C7C88

 54636F

 3C4B56

 26353F

 102029

 000715

 000000

 BBCCD9

 BBCCD9

 A5C3D9

 D1D5D9

 90B9D9

 E6DFD9

 7AB0D9

 FCE8D9

 64A6D9

 FFF2D9

 4E9DD9

 FFFBD9

 3994D9

 FFFF9D9

 238AD9

 0D81D9

 007BD9

# Harmonies

## Analogous

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



B6CED4



BBCCD9



C4C9DA

# Triad

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



BBCCD9



DCC4C7



C4CCBD

# Complementary

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



BBCCD9



D9C8BB

# 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.



CECAB9



BBCCD9



DBC5BF

# Square

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



BBCCD9



D7C5D0



D6C7BA



BBCEC3

# Rectangle

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



BBCCD9



CBC7D8



D6C7BA



C7CCBB



# Sweetspot

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



BBCCD9



F5FBFF



BBD9C8



797D80



000000



808080

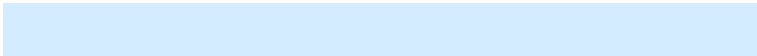


# Same Dimension

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



BBCCD9



D4ECFF



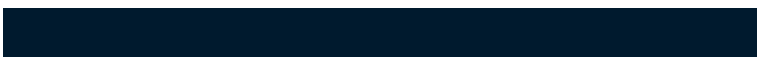
BBBDD9



63696E



0062AD



001A2E



# Inverse Universe

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



D9BBCC



FFD4EC



D9D7BB



6E6369



AD0062

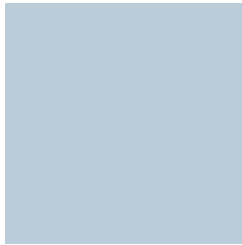


2E001A



# Previews

## White Background



This preview shows how the Hex color BBCCD9 looks on a white background.

## Color Contrast Check

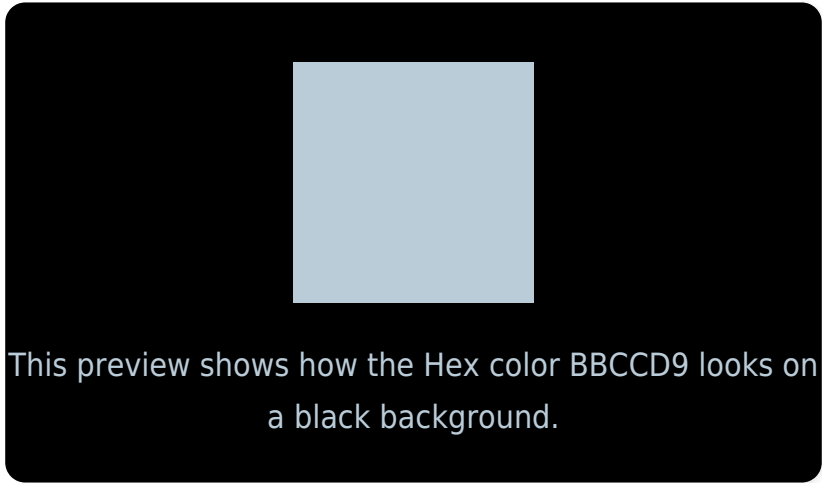
Large Text (above 18pt) WCAG AA × Fail

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

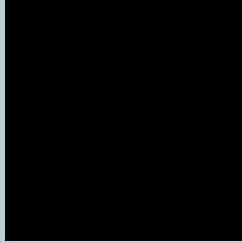
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

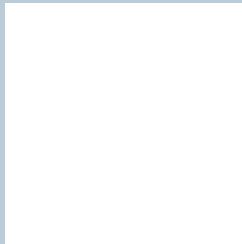
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex BBCCD9 Background



This preview shows how black text looks on a background with the Hex color BBCCD9.

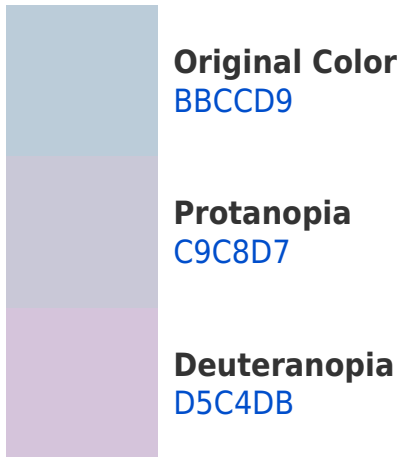


This preview shows how white text looks on a background with the Hex color BBCCD9.

# Color Blindness Simulation

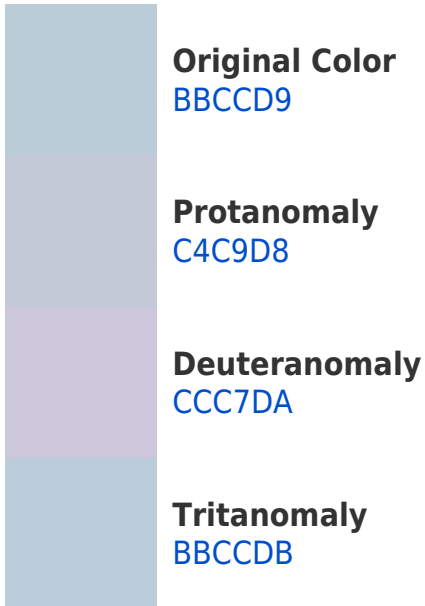
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

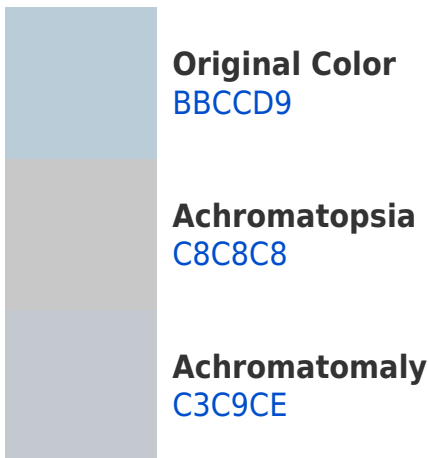




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BBCCD9 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 #BBCCD9 looks like.

```
.text, #text, p{  
    color:#BBCCD9  
}
```

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 #BBCCD9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BBCCD9
}
```

## Border

The CSS property to change the border of an element to Hex BBCCD9 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
#BBCCD9 }
```

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

```
.border{ border-color:#BBCCD9 }
```

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

Here you see how a box with a 4 pixel #BBCCD9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BBCCD9; -webkit-box-shadow:4px 4px  
4px 4px #BBCCD9; box-shadow:4px 4px 4px  
4px #BBCCD9 }
```

# Background

The CSS property to change the background color of an element to Hex BBCCD9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BBCCD9 }
```

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

```
.background{ background-color:#BBCCD9 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor