

# Converting Colors

Hex(BBC3D4)

Have a look what the booklet for  
Hex(BBC3D4) contains.

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# Color

**Hex(BBC3D4)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BBC3D4
RGB	187, 195, 212
RGB Percent	73%, 76%, 83%
CMY	0.2667, 0.2353, 0.1686
CMYK	0.12, 0.08, 0.00, 0.17
HSL	221°, 23%, 78%
HSV	221°, 12%, 83%
XYZ	51.8923, 54.3485, 70.0426
YIQ	194.5460, -10.2250, 3.5910

# Conversions

## Conversions Part 2

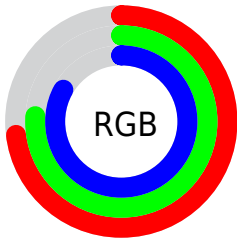
Format	Color
<a href="#">RYB</a>	<a href="#">187, 193, 212</a>
Decimal	<a href="#">12305364</a>
CIELab	<a href="#">78.66, 0.62, -9.43</a>
CIELCh	<a href="#">79, 9.455, 273.758</a>
Yxy	<a href="#">54.3485, 0.2944, 0.3083</a>
Android (android.graphics.Color)	<a href="#">4290495444</a> ( <a href="#">0xFFBBC3D4</a> )
YUV	<a href="#">194.5460, 8.6048, -6.6178</a>
Hunter-Lab	<a href="#">73.7214, -3.3669, -4.7264</a>

# Details

The Hex color **BBC3D4** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **D4CCBB**, and the grayscale version is **C2C2C2**.

A 20% lighter version of the original color is **F3FCFF**, and **868D9D** is the 20% darker color. If you saturate the color by 10%, you get **A6B5D4**, and if you desaturate by 10%, it is **D0D1D4**.

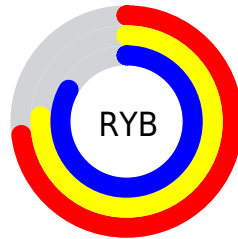
# Distribution



Red (73%)

Green (76%)

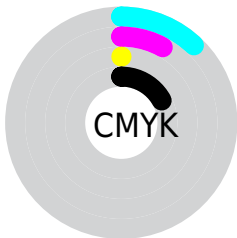
Blue (83%)



Red (73%)

Yellow (76%)

Blue (83%)

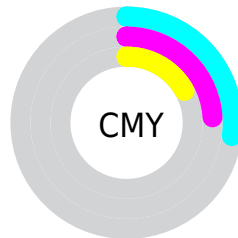


Cyan (12%)

Magenta (8%)

Yellow (0%)

Black (17%)



Cyan (27%)

Magenta (24%)

Yellow (17%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BBC3D4 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 BBC3D4 by changing the saturation by 10% instead.



■ BBC3D4

FFFFFF

■ F3FCFF

■ BBC3D4

■ A0A8B8

■ 868D9D

■ 6C7483

■ 545B6A

■ 3D4452

■ 262E3B

■ 121925

■ 000110

■ 000000

 BBC3D4

 BBC3D4

 A6B5D4

 D0D1D4

 91A6D4

 E5E0D4

 7B98D4

 FBEEED4

 6689D4


 FFFDD4

 517BD4

 FFFFD4

 3C6DD4

 275ED4

 1150D4

 0044D4

# Harmonies

## Analogous

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



B2C6D2



BBC3D4



C6C0D1

# Triad

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



BBC3D4



D6BDB9



B5C7BB

# Complementary

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



BBC3D4



D4CCBB

# 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.



BFC5B4



BBC3D4



D1C0B3

# Square

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



BBC3D4



D5BDC2



C9C2B1



AFC8C3

# Rectangle

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



BBC3D4



CDBECD



C9C2B1



B8C7B8

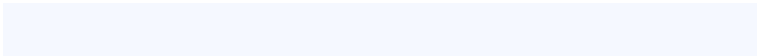


# Sweetspot

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



BBC3D4



F5F8FF



BBD4CC



797B80



000000



808080



# Same Dimension

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



BBC3D4



DBE7FF



BFBBD4



60646B



0037AB



000E2B



# Inverse Universe

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



D4BBC3



FFDBE7



D0D4BB



6B6064



AB0037

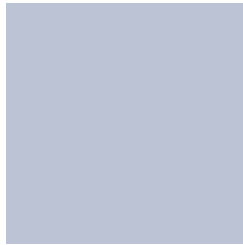


2B000E



# Previews

## White Background



This preview shows how the Hex color BBC3D4 looks on a white background.

## Color Contrast Check

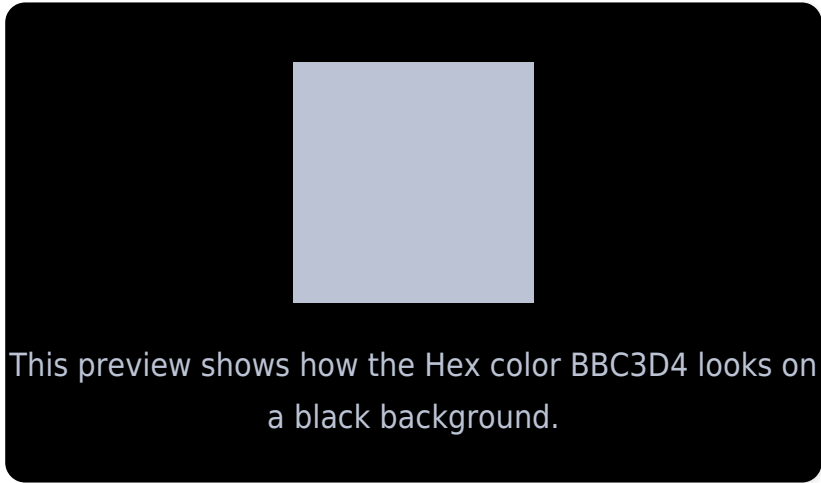
Large Text (above 18pt) WCAG AA × Fail

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

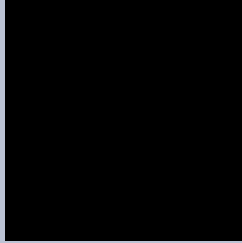
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

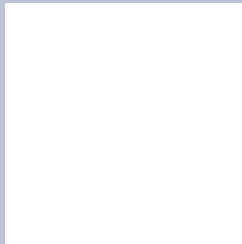
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex BBC3D4 Background



This preview shows how black text looks on a background with the Hex color BBC3D4.

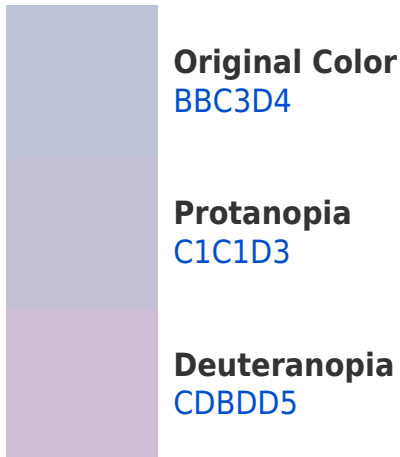


This preview shows how white text looks on a background with the Hex color BBC3D4.

# 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**  
BBC3D3

# Trichromacy



**Original Color**  
BBC3D4

**Protanomaly**  
BFC2D3

**Deuteranomaly**  
C6BFD5

**Tritanomaly**  
BBC3D3

# Monochromacy



**Original Color**  
BBC3D4

**Achromatopsia**  
C3C3C3

**Achromatomaly**  
C0C3C9

# CSS Examples

## Text

The CSS property to change the color of the text to Hex BBC3D4 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 #BBC3D4 looks like.

```
.text, #text, p{  
    color:#BBC3D4  
}
```

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 #BBC3D4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BBC3D4
}
```

## Border

The CSS property to change the border of an element to Hex BBC3D4 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
#BBC3D4 }
```

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

```
.border{ border-color:#BBC3D4 }
```

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

Here you see how a box with a 4 pixel #BBC3D4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BBC3D4; -webkit-box-shadow:4px 4px  
4px 4px #BBC3D4; box-shadow:4px 4px 4px  
4px #BBC3D4 }
```

# Background

The CSS property to change the background color of an element to Hex BBC3D4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BBC3D4 }
```

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

```
.background{ background-color:#BBC3D4 }
```

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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