

# Converting Colors

Hex(BBC996)

Have a look what the booklet for  
Hex(BBC996) contains.

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**Color**

**Hex(BBC996)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BBC996
RGB	187, 201, 150
RGB Percent	73%, 79%, 59%
CMY	0.2667, 0.2118, 0.4118
CMYK	0.07, 0.00, 0.25, 0.21
HSL	76°, 32%, 69%
HSV	76°, 25%, 79%
XYZ	46.8852, 54.5401, 36.9103
YIQ	191.0000, 8.0270, -18.8290

# Conversions

## Conversions Part 2

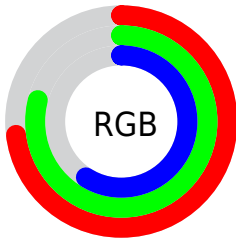
Format	Color
<a href="#">RYB</a>	<a href="#">150, 201, 164</a>
Decimal	<a href="#">12306838</a>
CIELab	<a href="#">78.78, -13.45, 23.95</a>
CIELCh	<a href="#">79, 27.472, 119.314</a>
Yxy	<a href="#">54.5401, 0.3389, 0.3943</a>
Android (android.graphics.Color)	<a href="#">4290496918</a> ( <a href="#">0xFFBBC996</a> )
YUV	<a href="#">191.0000, -20.2130, -3.5080</a>
Hunter-Lab	<a href="#">73.8513, -15.9173, 22.0632</a>

# Details

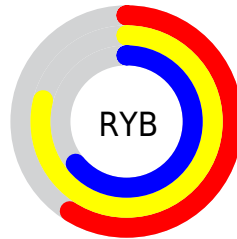
The Hex color **BBC996** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **A496C9**, and the grayscale version is **BFBFBF**.

A 20% lighter version of the original color is **F4FFCC**, and **859363** is the 20% darker color. If you saturate the color by 10%, you get **B5C982**, and if you desaturate by 10%, it is **C1C9AA**.

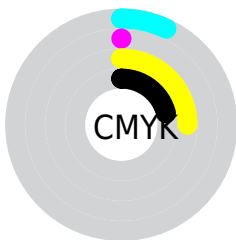
# Distribution



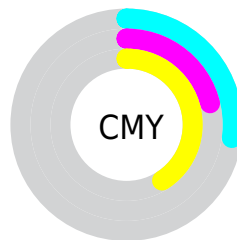
- Red (73%)
- Green (79%)
- Blue (59%)



- Red (59%)
- Yellow (79%)
- Blue (64%)



- Cyan (7%)
- Magenta (0%)
- Yellow (25%)
- Black (21%)



- Cyan (27%)
- Magenta (21%)
- Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BBC996 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 BBC996 by changing the saturation by 10% instead.



 BBC996

 BBC996

FFFFFF

 A0AE7C

 F4FFCC

 859363

 FFFFFE9

 6C794B

 536033

 3B491D

 253206

 0E1D00

 000000

 BBC996

 BBC996

 B5C982

 C1C9AA

 B0C96E

 C6C9BE

 AAC95A

 CCC9D2

 A5C946

 D1C9E6

 9FC932

 D7C9FB

 9AC91D

 DCC9FF

 94C909

 E2C9FF

 92C900

 E7C9FF

 EDC9FF

# Harmonies

## Analogous

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



D6C190



BBC996



9ECFA8

# Triad

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



BBC996



84CDEE



F4B1C5

# Complementary

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



BBC996



A496C9

# 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.



E3B5DD



BBC996



A3C5F6

# Square

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



BBC996



78D1DB



C6BDEF



F6B2AB

# Rectangle

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



BBC996



8CD1B9



C6BDEF



F0B1CD



# Sweetspot

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



BBC996



F9FFEB



C9A496



7C8073



000000



808080

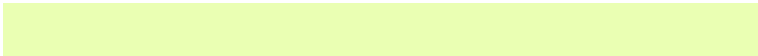


# Same Dimension

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



BBC996



EAFB3



A2C996



61635A



76A300



1A2400



# Inverse Universe

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



A496C9



C8B3FF



BD96C9



5C5A63



2D00A3



0A0024



# Previews

## White Background



This preview shows how the Hex color BBC996 looks on a white background.

## Color Contrast Check

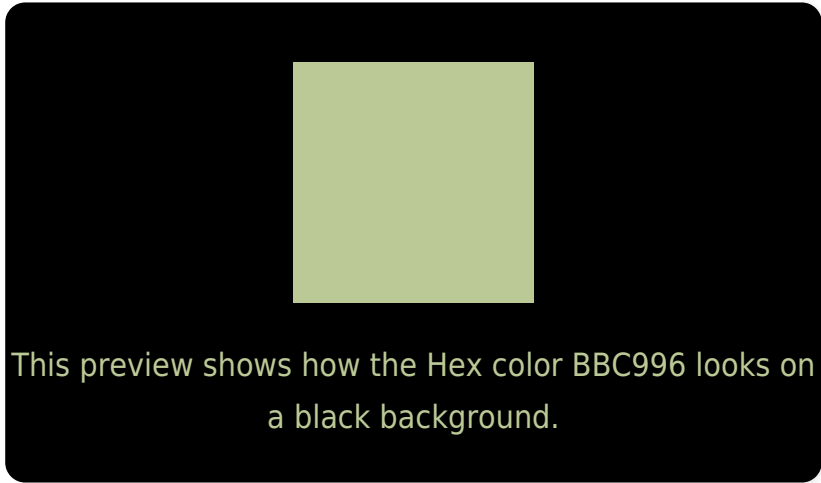
Large Text (above 18pt) WCAG AA × Fail

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

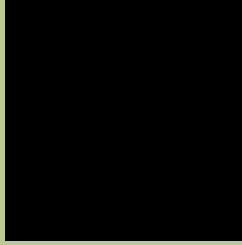
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex BBC996 Background



This preview shows how black text looks on a background with the Hex color BBC996.

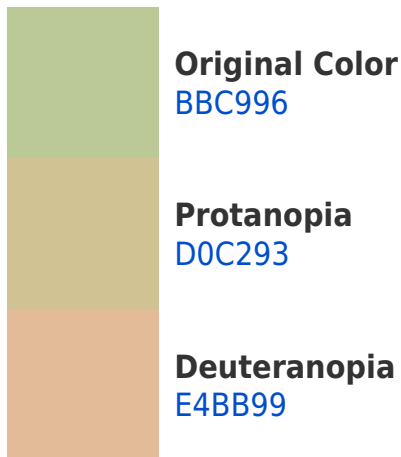


This preview shows how white text looks on a background with the Hex color BBC996.

# 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](#).

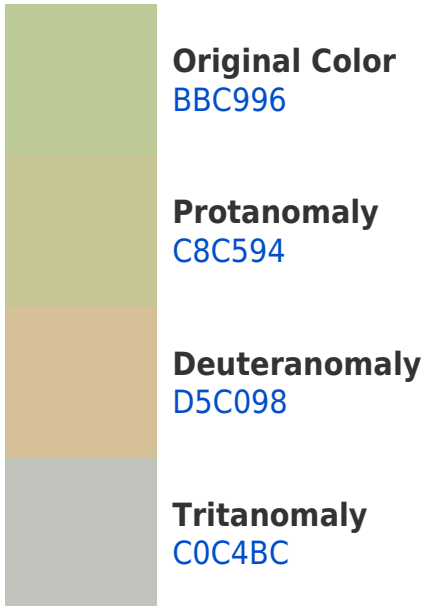
## Dichromacy



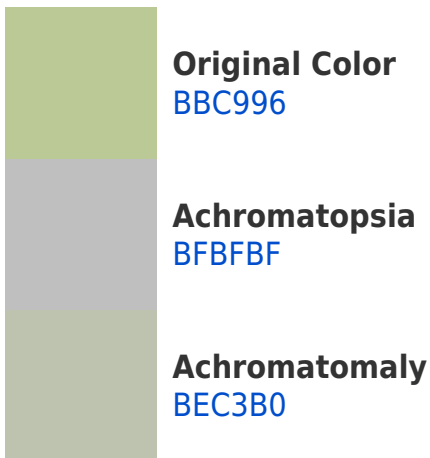


**Tritanopia**  
C3C1D1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BBC996 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 #BBC996 looks like.

```
.text, #text, p{  
    color:#BBC996  
}
```

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 #BBC996 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BBC996  
}
```

## Border

The CSS property to change the border of an element to Hex BBC996 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  
#BBC996 }
```

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

```
.border{ border-color:#BBC996 }
```

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

Here you see how a box with a 4 pixel #BBC996 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BBC996; -webkit-box-shadow:4px 4px  
4px 4px #BBC996; box-shadow:4px 4px 4px  
4px #BBC996 }
```

# Background

The CSS property to change the background color of an element to Hex BBC996 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BBC996 }
```

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

```
.background{ background-color:#BBC996 }
```

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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